## Detailed Estimate

### Name Of Work: Development and construction of Auditorium and Toilet Blocks at Yelahanka PU College in ward No.01 of Yelahanka Sub Division.

| Sl. No. | Description | Unit | No | Length | Width | Depth | Quantity | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | **A. Construction of Compound Wall** | | | | | | | | |
| 1 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.5.4 | | | | | | | | |
| | BCSR Item No 5.27.1, Page No.27 | | | | | | | | |
| | | | 1 | 320 | | 2.00 | 640.00 | | |
| | | Sqm | | | | | 640.00 | 985.0 | 630374.4 |
| 2 | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes@ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) includingattached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 | | | | | | | | |
| | BCSR Item No 4.11, Page No.14 | | | | | | | | |
| | Coping | | | | | | | | |
| | | | 1 | 320 | 0.20 | 0.08 | 4.80 | | |
| | | Cum | | | | | 4.80 | 6111.7 | 29336.3 |
| 3 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and l or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications | | | | | | | | |
| | BCSR Item No 4.46.2, Page No .18 | | | | | | | | |
| | Coping | | | | | | | | |
| | | | 1 | 320 | 4Kg/m | 4.00 | 1280.00 | | |
| | | MT | | | | | 1.28 | 76643.3 | 98103.4 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4 | KSRB 15-3.5/15-4.7: Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | | |
| | BCSR Item No 15.13 & 15.33, Page No.115 & | | | | | | | | | |
| | | | 2 | 320 | | 2.00 | 1280.00 | | | |
| | | Sqm | | | | | 1305.60 | 273.2 | 356742.1 | |
| 5 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. | | | | | | | | | |
| | BCSR Item No 15.53.2, Page No.120 | | | | | | | | | |
| | | Sqm. | | | | | 1305.60 | 110.2 | 143824.9 | |
| 6 | Providing barbed GI wire fencing of 12x12 gauge drawn into stone pillars or iron pillars including drawing in holes wherever necessary excluding the cost of pillars but including the cost of barbed wire and binding wire etc., including cost of materials, labour, HOM complete as per specifications. | | | | | | | | | |
| | BCSR Item No 37.5, Page No .266 | | | | | | | | | |
| | | | 14 | 320.00 | | | 4480.00 | | | |
| | | | 6400.00 | 2.20 | | | 14074.34 | | | |
| | | m | | | | | 18554.34 | 34.6 | 641237.8 | |
| 7 | Fabricating, supplying & erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification | | | | | | | | | |
| | BCSR Item No 7.30, Page No .43 | | | | | | | | | |
| | | | 1 | 128.00 | 1.80 | 1 | 253.44 | | | |
| | | kg | | | | | 253.44 | 138.2 | 35035.5 | |
| | **B. Flagging Around the Buildings** | | | | | | | | | |
| 8 | Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | BCSR Item No 2.1 Page No 6 | | | | | | | | |
| | | | 1 | 378 | 1.50 | 0.25 | 141.75 | | |
| | In ordinary soil | Cum | | | | | 141.75 | 322.9 | 45773.9 |
| 9 | Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured ) | | | | | | | | |
| | BCSR Item No 3.2, Page No. 10 | | | | | | | | |
| | | | 1 | 378.00 | 1.50 | | 567.00 | | |
| | | Sqm. | | | | | 567.00 | 114.5 | 64910.2 |
| 10 | Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.6, Page No.13 | | | | | | | | |
| | | Cum | 1 | 378.00 | 1.5 | 0.125 | 70.88 | 5855.8 | 415027.0 |
| 11 | Providing 20mm thick cement plaster (cement mortar 1.6) in single coat with cement mortar, to stone masonry & concrete surface including rounding off comers wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification<br><br>Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications | | | | | | | | |
| | BCSR Item No. 15.20/ 15.32, Page No.116/ 117 | | | | | | | | |
| | | Sqm. | 1 | 378.00 | 1.5 | | 567.00 | 294.8 | 167174.3 |

## C. Painting of PU College

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 12 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. | | | | | | | | |
| | BCSR Item No 15.106, Page No. 128 | | | | | | | | |
| | | Sqm | | | | | | | |
| | A Block of PU college | | | | | | | | |
| | Ground floor- Rooms | | | | | | | | |
| | | | 1 | 24.6 | | 3.50 | 86.10 | | |
| | | | 1 | 16.6 | | 3.50 | 58.10 | | |
| | | | 1 | 17.4 | | 3.50 | 60.90 | | |
| | | | 2 | 23.2 | | 3.50 | 162.40 | | |

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|---|---|---|---|---|---|---|---|---|---|
| | | | 5 | 24.6 | | 3.50 | 430.50 | | |
| | | | 1 | 32.2 | | 3.50 | 112.70 | | |
| | Ground floor- Ceilings | | 1 | 28.2 | | 3.50 | 98.70 | | |
| | | | 1 | 116.6 | | 3.50 | 408.10 | | |
| | | | 1 | 7 | 5.3 | | 37.10 | | |
| | | | 1 | 3.3 | 5.0 | | 16.50 | | |
| | | | 1 | 3.3 | 5.4 | | 17.82 | | |
| | | | 2 | 6.2 | 5.4 | | 66.96 | | |
| | | | 3 | 7 | 5.4 | | 113.40 | | |
| | | | 1 | 10.6 | 5.4 | | 57.24 | | |
| | | | 1 | 8.6 | 5.4 | | 46.44 | | |
| | | | 1 | 3.3 | 5.4 | | 17.82 | | |
| | Deductions Ground floor- Rooms | | 15 | 1.2 | | 2.10 | -37.80 | | |
| | | | 70 | 0.95 | | 1.35 | -89.78 | | |
| | A Block of PU college | | | | | | | | |
| | First floor- Rooms | | 2 | 32.8 | | 3.50 | 229.60 | | |
| | | | 1 | 25.6 | | 3.50 | 89.60 | | |
| | | | 1 | 33 | | 3.50 | 115.50 | | |
| | | | 1 | 48.6 | | 3.50 | 170.10 | | |
| | | | 1 | 33 | | 3.50 | 115.50 | | |
| | | | 1 | 40.2 | | 3.50 | 140.70 | | |
| | First floor- Ceilings | | 2 | 10.8 | 5.6 | | 120.96 | | |
| | | | 1 | 7.2 | 5.6 | | 40.32 | | |
| | | | 1 | 10.9 | 5.6 | | 61.04 | | |
| | | | 1 | 18.7 | 5.6 | | 104.72 | | |
| | | | 1 | 10.9 | 5.6 | | 61.04 | | |
| | | | 1 | 14.5 | 5.6 | | 81.20 | | |
| | Deductions First floor- Rooms | | 14 | 1.2 | | 2.10 | -35.28 | | |
| | | | 52 | 1.5 | | 1.30 | -101.40 | | |
| | Laboratory Block of PU college | | | | | | | | |
| | Laboratory Rooms | | 3 | 33.2 | | 3.50 | 348.60 | | |
| | Ceiling | | 3 | 11.3 | 5.3 | | 179.67 | | |
| | Deductions | | 18 | 1.5 | | 1.50 | -40.50 | | |
| | | | 3 | 1.2 | | 2.40 | -8.64 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | C Block of PU college | | | | | | | | |
| | Ground floor- Room | | 5 | 60.4 | | 3.50 | 1057.00 | | |
| | Ceiling | | 5 | 9 | 6.1 | | 274.50 | | |
| | Deduction | | 10 | 1.2 | | 2.30 | -27.60 | | |
| | | | 20 | 1.8 | | 1.50 | -54.00 | | |
| | First floor- Room | | 5 | 60.4 | | 3.50 | 1057.00 | | |
| | Ceiling | | 5 | 9 | 6.1 | | 274.50 | | |
| | Deduction | | 10 | 1.2 | | 2.30 | -27.60 | | |
| | | | 20 | 1.8 | | 1.50 | -54.00 | | |
| | Total Quantity | | | | | | 5835.74 | | |
| | 10% area for wall Putty | | | | | | 583.57 | 84.2 | 49160.2 |
| | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| 13 | KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.<br>KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications | | | | | | | | |
| | BCSR Item No 15.49 & 15.49.2, Page No. 119 | | | | | | | | |
| | | Sqm | | | | | | | |
| | A Block of PU college | | | | | | 1289.93 | 118.8 | 153243.1 |
| | Ground floor- Rooms | | | | | | 373.28 | 127.4 | 47570.8 |
| | Ground floor- Ceilings | | | | | | | | |
| | | | | | | | 724.52 | 118.8 | 86049.2 |
| | First floor- Rooms | | | | | | 469.28 | 127.4 | 59805.0 |
| | First floor- Ceilings | | | | | | | | |
| | Laboratory Block of PU college | | | | | | | | |
| | Laboratory Rooms | | | | | | 299.46 | 118.8 | 35575.8 |
| | Ceiling | | | | | | 179.67 | 127.4 | 22897.1 |
| | C Block of PU college | | | | | | | | |
| | Ground floor- Rooms | | | | | | 975.40 | 118.8 | 115877.5 |
| | Ground floor- Ceilings | | | | | | 274.50 | 127.4 | 34982.3 |
| | | | | | | | | | |
| | First floor- Rooms | | | | | | 975.40 | 118.8 | 115877.5 |
| | First floor- Ceilings | | | | | | 274.50 | 127.4 | 34982.3 |
| | | | | | | | | | |
| 14 | KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.<br>-do- with primer | | | | | | | | |
| | BCSR Item No 15.53.2, Page No. 120 | | | | | | | | |
| | | Sqm | | | | | | | |
| | A Block of PU college | | | | | | | | |
| | Ground floor- Outer corridor wall | | 2 | 16.17 | | 3.50 | 113.19 | | |
| | | | 2 | 27.94 | | 3.50 | 195.58 | | |
| | | | 2 | 32.12 | | 3.50 | 224.84 | | |
| | Ground floor- Inner corridor wall | | 1 | 23.9 | | 3.50 | 83.65 | | |
| | | | 1 | 29.7 | | 3.50 | 103.95 | | |
| | Ground floor outer wall | | 1 | 29.5 | | 3.50 | 103.25 | | |
| | | | 1 | 91.7 | | 3.50 | 320.95 | | |
| | Ground floor- Outer corridor wall | Window | 12 | 0.95 | | 1.35 | -15.39 | | |
| | | | 3 | 3.4 | | 1.50 | -15.30 | | |
| | | Door | 1 | 3.4 | | 2.30 | -7.82 | | |
| | | Window | 2 | 3.4 | | 1.50 | -10.20 | | |
| | | Door | 5 | 3.4 | | 2.30 | -39.10 | | |
| | | Window | 3 | 3.4 | | 1.50 | -15.30 | | |
| | | Door | 4 | 3.4 | | 2.30 | -31.28 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Windo w | 3 | 3.4 | | 1.50 | -7.65 | | |
| | | Door | 1 | 3.4 | | 2.30 | -3.91 | | |
| | | Windo w | 2 | 3.4 | | 1.50 | -5.10 | | |
| | | Door | 5 | 3.4 | | 2.30 | -19.55 | | |
| | | Windo w | 3 | 3.4 | | 1.50 | -7.65 | | |
| | Ground floor- Inner corridor wall | Door | 4 | 3.4 | | 2.30 | -15.64 | | |
| | | | 5 | 1.2 | | 2.30 | -13.80 | | |
| | | | 8 | 0.95 | | 1.50 | -11.40 | | |
| | | | 1 | 3.3 | | 3.20 | -10.56 | | |
| | | | 9 | 0.95 | | 1.50 | -12.83 | | |
| | | | 5 | 1.2 | | 2.30 | -13.80 | | |
| | | | 1 | 1.5 | | 3.00 | -4.50 | | |
| | | | 6 | 1.2 | | 2.30 | -16.56 | | |
| | Corridor ceiling painting | | 8 | 0.95 | | 1.50 | -11.40 | | |
| | | | 1 | 83.8 | 1.8 | | 150.84 | | |
| | | | | | | | 1007.52 | 110.2 | 110987.9 |
| | First Floor- Outer corridor wall | | 2 | 29.2 | | 3.50 | 204.40 | | |
| | | | 2 | 29.2 | | 3.50 | 204.40 | | |
| | Deductions First Floor- Outer corridor wall | | 2 | 29.4 | | 3.50 | 205.80 | | |
| | | | 15 | 3.3 | | 1.40 | -103.95 | | |
| | First Floor- Inner corridor wall | | 4 | 3.3 | | 2.30 | -45.54 | | |
| | | | 1 | 29.2 | | 3.50 | 102.20 | | |
| | | | 1 | 24 | | 3.50 | 84.00 | | |
| | | | 1 | 31 | | 3.50 | 108.50 | | |
| | Deductions First Floor- Inner corridor wall | | 10 | 0.95 | | 1.35 | -12.83 | | |
| | | | 6 | 1.2 | | 2.10 | -15.12 | | |
| | | | 4 | 1.5 | | 1.30 | -7.80 | | |
| | | | 4 | 1.2 | | 2.10 | -10.08 | | |
| | | | 1 | 3.3 | | 3.50 | -11.55 | | |
| | First floor outer wall | | 1 | 91.7 | | 3.50 | 320.95 | | |
| | | | 14 | 0.95 | | 1.35 | -17.96 | | |
| | Parapet | | 1 | 176.1 | | 1.65 | 290.57 | | |
| | Chajja | | 1 | 69.5 | | 1.3 | 90.35 | | |
| | Corridor ceiling painting | | 1 | 83.8 | 1.8 | | 150.84 | | |
| | | | | | | | 1537.19 | 114.5 | 175976.9 |
| | Laboratory Block of PU college | | 2 | 15 | | 3.20 | 96.00 | | |
| | Ground floor-Outer corridor wall | | 8 | 3.5 | | 2.10 | -58.80 | | |
| | Deduction Ground floor | | 1 | 13.6 | | 3.20 | 43.52 | | |
| | Ground floor-Inner wall | | 1 | 1.2 | | 2.40 | -2.88 | | |
| | Ground floor-Inner wall | | 1 | 1.4 | | 3.00 | -4.20 | | |
| | | | 3 | 1.2 | | 1.50 | -5.40 | | |
| | | | 1 | 31 | | 3.20 | 99.20 | | |
| | Outer wall | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 167.44 | 110.2 | 18445.2 |
| | First floor-Outer corridor wall | | 2 | 15 | | 3.20 | 96.00 | | |
| | First floor | | 6 | 3.5 | | 1.80 | -37.80 | | |
| | First floor-Inner wall | | 1 | 13.6 | | 3.20 | 43.52 | | |
| | First floor-Inner wall | | 1 | 1.4 | | 3.00 | -4.20 | | |
| | | | 1 | 1.2 | | 2.40 | -2.88 | | |
| | | | 3 | 3.5 | | 1.80 | -18.90 | | |
| | Three floors | | 1 | 31 | | 3.20 | 99.20 | | |
| | | | | | | | 174.94 | 114.5 | 20027.1 |
| | Second floor-Outer corridor wall | | 2 | 15 | | 3.20 | 96.00 | | |
| | Second floor | | 8 | 3.5 | | 1.80 | -50.40 | | |
| | Second floor-Inner wall | | 1 | 13.6 | | 3.20 | 43.52 | | |
| | Second floor-Inner wall | | 1 | 1.4 | | 3.00 | -4.20 | | |
| | | | 1 | 1.2 | | 2.40 | -2.88 | | |
| | | | 3 | 3.5 | | 1.80 | -18.90 | | |
| | Three floors | | 1 | 31 | | 3.20 | 99.20 | | |
| | | | | | | | 162.34 | 118.8 | 19286.0 |
| | Ceiling- Corridor | | 3 | 15 | 1.8 | | 81.00 | | |
| | Parapet | | 2 | 46 | | 0.70 | 64.40 | | |
| | | | 1 | 46 | 0.25 | | 11.50 | | |
| | | | | | | | 156.90 | 118.8 | 18639.7 |
| | C Block of PU college | | | | | | | | |
| | C- Block | | | | | | | | |
| | Ground floor- Outer wall | | 2 | 46.5 | | 3.10 | 288.30 | | |
| | Deductions- Outer wall | | 2 | 4.3 | | 2.30 | -19.78 | | |
| | | | 16 | 3.9 | | 1.50 | -93.60 | | |
| | Ground floor- Inner wall | | 1 | 46.4 | | 3.10 | 143.84 | | |
| | Deductions-Inner wall | | 16 | 1.8 | | 1.50 | -43.20 | | |
| | | | 10 | 1.2 | | 2.30 | -27.60 | | |
| | | | 1 | 62.2 | | 3.10 | 192.82 | | |
| | C-Block Ceiling | | 1 | 46.1 | 1.8 | | 82.98 | | |
| | | | | | | | 523.76 | 110.2 | 57697.4 |
| | First floor- Outer wall | | 2 | 46.5 | | 2.85 | 265.05 | | |
| | Deduction - Outer wall | | 10 | 3.8 | | 1.70 | -64.60 | | |
| | First floor- inner wall | | 1 | 46.4 | | 2.85 | 132.24 | | |
| | Deduction - inner wall | | 16 | 1.8 | | 1.50 | -43.20 | | |
| | C Block outer wall | | 1 | 62.1 | | 2.85 | 176.99 | | |
| | C-Block Ceiling | | 1 | 46.1 | 1.8 | | 82.98 | | |
| | Parapet | | 2 | 108.8 | | 0.70 | 152.32 | | |
| | | | 1 | 108.8 | 0.25 | | 27.20 | | |
| | | | | | | | 728.98 | 114.5 | 83453.1 |
| | Block A Staircase portion - ground floor below stairs and landing walls | | 2 | 5.8 | 3.3 | | 38.28 | | |
| | hand rails | | 1 | 14.3 | 3.25 | | 46.48 | | |
| | | | 2 | 5.8 | 2.7 | | 31.32 | | |
| | First Floor staircase | | | | | | 116.08 | 110.2 | 12786.8 |
| | | | | | | | 116.08 | 110.2 | 12786.8 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | below stairs and landing | | | | | | | | |
| | walls | | 2 | 5.8 | 3.3 | | 38.28 | | |
| | hand rails | | 1 | 14.3 | 3.25 | | 46.48 | | |
| | | | 2 | 5.8 | 2.7 | | 31.32 | | |
| | First Floor staircase | | | | | | 116.08 | 110.2 | 12786.8 |
| | Second Floor staircase | | | | | | 116.08 | 110.2 | 12786.8 |
| | Block C Staircase portion - ground floor | | | | | | 116.08 | 110.2 | 12786.8 |
| | below stairs and landing | | | | | | | | |
| | walls | | 2 | 4.5 | 3.3 | | 29.70 | | |
| | hand rails | | 1 | 12.3 | 3.25 | | 39.98 | | |
| | | | 2 | 4.5 | 2.7 | | 24.30 | | |
| 15 | KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. | | | | | | 93.98 | 110.2 | 10352.3 |
| | BCSR Item No 15.73, Page No. 123 | | | | | | | | |
| | | Sqm | | | | | | | |
| | A Block of PU college | | | | | | | | |
| | Ground floor- Grill | | 13 | 3.40 | | 1.5 | 66.30 | | |
| | Ground floor- Window Grill | | 70 | 0.95 | | 1.5 | 99.75 | | |
| | Ground floor- Window Doors | | 140 | 0.95 | | 1.5 | 219.45 | | |
| | Ground floor -collapsing Shuttle | | 5 | 3.40 | | 2.3 | 58.65 | | |
| | First floor- Window Grill | | 52 | 0.95 | | 1.5 | 74.10 | | |
| | First floor- Window Doors | | 104 | 0.95 | | 1.5 | 163.02 | | |
| | First floor steel doors | | 4 | 1.20 | | 2.1 | 11.09 | | |
| | Laboratory Block of PU college | | | | | | | | |
| | Ground floor- Grill | | 5 | 3.50 | | 2 | 35.00 | | |
| | Ground floor- Window Grill | | 6 | 1.50 | | 1.5 | 13.50 | | |
| | Ground floor- Window Doors | | 12 | 1.50 | | 1.5 | 29.70 | | |
| | Ground floor- Steel Doors | | 2 | 1.20 | | 2.4 | 6.34 | | |
| | Ground floor- collapsing Shuttle | | 2 | 1.40 | | 3 | 12.60 | | |
| | First floor- Window Grill | | 6 | 1.50 | | 1.5 | 13.50 | | |
| | First floor- Window Doors | | 12 | 1.50 | | 1.5 | 29.70 | | |
| | First floor- Steel Doors | | 2 | 1.20 | | 2.4 | 6.34 | | |
| | First floor- collapsing Shuttle | | 1 | 1.40 | | 3 | 6.30 | | |
| | Second floor- Window Grill | | 6 | 1.50 | | 1.5 | 13.50 | | |
| | Second floor- Window Doors | | 12 | 1.50 | | 1.5 | 29.70 | | |
| | Second floor- Steel Doors | | 2 | 1.20 | | 2.4 | 6.34 | | |
| | Second floor- collapsing Shuttle | | 1 | 1.40 | | 3 | 6.30 | | |
| | C Block of PU college | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ground floor- Grill | | 8 | 3.80 | | 1.5 | 45.60 | | |
| | Ground floor- Window Grill | | 20 | 1.50 | | 1.5 | 45.00 | | |
| | Ground floor- Window Doors | | 40 | 1.50 | | 1.5 | 99.00 | | |
| | Ground floor- collapsing Shuttle | | 1 | 4.30 | | 2.3 | 14.84 | | |
| | First floor- Window Grill | | 20 | 1.50 | | 1.5 | 45.00 | | |
| | First floor- Window Doors | | 40 | 1.50 | | 1.5 | 99.00 | | |
| | | | | | | | 1249.60 | 44.3 | 55332.3 |
| | | | | | | | | | |
| | First floor- Grill | | 23 | 3.30 | | 2.3 | 174.57 | | |
| | First floor collapsing doors | | 5 | 3.30 | | 3.2 | 79.20 | | |
| | First floor- Grill | | 6 | 3.50 | | 1.8 | 37.80 | | |
| | First floor- Grill | | 10 | 3.80 | | 1.5 | 57.00 | | |
| | | | | | | | 348.57 | 48.6 | 16940.5 |
| | | | | | | | | | |
| | Second floor- Grill | | 6 | 3.50 | | 2 | 42.00 | 52.9 | 2222.6 |
| | | | | | | | | | |
| 16 | KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.75, Page No. 123 | | | | | | | | |
| | | Sqm | | | | | | | |
| | A Block of PU college | | | | | | | | |
| | Ground floor- Grill | | 13 | 3.40 | | 1.5 | 66.30 | | |
| | Ground floor- Window Grill | | 70 | 0.95 | | 1.5 | 99.75 | | |
| | Ground floor- Window Doors | | 140 | 0.95 | | 1.5 | 219.45 | | |
| | First floor- Window Grill | | 52 | 0.95 | | 1.5 | 74.10 | | |
| | First floor- Window Doors | | 104 | 0.95 | | 1.5 | 163.02 | | |
| | Ground floor -collapsing Shuttle | | 5 | 3.40 | | 2.3 | 58.65 | | |
| | First floor steel doors | | 4 | 1.20 | | 2.1 | 11.09 | | |
| | Ground floor- Grill | | 5 | 3.50 | | 2 | 35.00 | | |
| | Ground floor- Window Grill | | 6 | 1.50 | | 1.5 | 13.50 | | |
| | Ground floor- Window Doors | | 12 | 1.50 | | 1.5 | 29.70 | | |
| | Ground floor- Steel Doors | | 2 | 1.20 | | 2.4 | 6.34 | | |
| | Ground floor- collapsing Shuttle | | 2 | 1.40 | | 3 | 12.60 | | |
| | First floor- Window Grill | | 6 | 1.50 | | 1.5 | 13.50 | | |
| | First floor- Window Doors | | 12 | 1.50 | | 1.5 | 29.70 | | |
| | First floor- Steel Doors | | 2 | 1.20 | | 2.4 | 6.34 | | |
| | First floor- collapsing Shuttle | | 1 | 1.40 | | 3 | 6.30 | | |
| | Second floor- Window Grill | | 6 | 1.50 | | 1.5 | 13.50 | | |
| | Second floor- Window Doors | | 12 | 1.50 | | 1.5 | 29.70 | | |
| | Second floor- Steel Doors | | 2 | 1.20 | | 2.4 | 6.34 | | |
| | Second floor- collapsing Shuttle | | 1 | 1.40 | | 3 | 6.30 | | |
| | C Block of PU college | | | | | | | | |
| | Ground floor- Grill | | 8 | 3.80 | | 1.5 | 45.60 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ground floor- Window Doors | | 20 | 1.50 | | 1.5 | 45.00 | | |
| | Ground floor- collapsing Shuttle | | 40 | 1.50 | | 1.5 | 99.00 | | |
| | First floor- Window Grill | | 1 | 4.30 | | 2.3 | 14.84 | | |
| | First floor- Window Doors | | 20 | 1.50 | | 1.5 | 45.00 | | |
| | | | 40 | 1.50 | | 1.5 | 99.00 | | |
| | First floor- Grill | | | | | | 1249.80 | 65.9 | 82323.7 |
| | First floor collapsing doors | | 23 | 3.30 | | 2.3 | 174.57 | | |
| | Laboratory Block of PU college | | 5 | 3.30 | | 3.2 | 79.20 | | |
| | First floor- Grill | | | | | | | | |
| | First floor- Grill | | 6 | 3.50 | | 1.8 | 37.80 | | |
| | | | 10 | 3.80 | | 1.5 | 57.00 | | |
| | | | | | | | 348.57 | 70.2 | 24469.6 |
| | Second floor- Grill | | 6 | 3.50 | | 2 | 42.00 | 74.5 | 3129.8 |
| 17 | KSRB 15-17.1 :Applying priming coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.55, Page No. 120 | | | | | | | | |
| | | | Sqm | | | | | | |
| | A Block of PU college | | | | | | | | |
| | Ground floor- Wooden Doors | | 32 | 1.20 | | 2.1 | 88.70 | | |
| | First floor- Wooden Doors | | 24 | 1.20 | | 2.1 | 66.53 | | |
| | Laboratory Block of PU college | | | | | | | | |
| | Ground floor- Wooden Doors | | 2 | 1.20 | | 2.1 | 5.54 | | |
| | First floor- Wooden Doors | | 2 | 1.20 | | 2.1 | 5.54 | | |
| | Second floor- Wooden Doors | | 2 | 1.20 | | 2.1 | 5.54 | | |
| | C Block of PU college | | | | | | | | |
| | Ground floor- Wooden Doors | | 20 | 1.20 | | 2.1 | 55.44 | | |
| | First floor- Wooden Doors | | 20 | 1.20 | | 2.1 | 55.44 | | |
| | | | | | | | 282.74 | 46.4 | 13130.6 |
| 18 | KSRB 15-17.19: Providing and applying painting one coat (excluding priming coat) on previously painted wood surface and I or wood based surface with enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials, labour, complete as per specifications | | | | | | | | |
| | BCSR Item No 15.71, Page No. 119 | | | | | | | | |
| | | | Sqm | | | | | | |
| | A Block of PU college | | | | | | | | |
| | Ground floor- Wooden Doors | | 32 | 1.20 | | 2.1 | 88.70 | | |
| | First floor- Wooden Doors | | 24 | 1.20 | | 2.1 | 66.53 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Laboratory Block of PU college | | | | | | | | |
| | Ground floor- Wooden Doors | | 2 | 1.20 | | 2.1 | 5.54 | | |
| | First floor- Wooden Doors | | 2 | 1.20 | | 2.1 | 5.54 | | |
| | Second floor- Wooden Doors | | 2 | 1.20 | | 2.1 | 5.54 | | |
| | C Block of PU college | | | | | | | | |
| | Ground floor- Wooden Doors | | 20 | 1.20 | | 2.1 | 55.44 | | |
| | First floor- Wooden Doors | | 20 | 1.20 | | 2.1 | 55.44 | | |
| | | | | | | | 282.74 | 60.5 | 17100.4 |
| | **D. New Staircase** | | | | | | | | |
| 19 | KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. | | | | | | | | |
| | BCSR Item No 2.3 Page No 6 | | | | | | | | |
| | F1 | | 6 | 1.60 | 1.60 | 2.1 | 32.26 | | |
| | | Cum | | | | | 32.26 | 322.9 | 10416.1 |
| 20 | Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 ems. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m including cost of all labour complete as per specifications. in ordinary soil | | | | | | | | |
| | BCSR Item No 2.10, Page No 7 | | | | | | | | |
| | Quantity from Excavation | | | | | | 32.26 | | |
| | F1 | | 6 | 1.60 | 1.60 | 0.1 | -1.54 | | |
| | | | 6 | 1.40 | 1.40 | 0.45 | -5.29 | | |
| | Coloumns Upto Plinth | | 6 | 0.20 | 0.45 | 1.55 | -0.84 | | |
| | total filling | | | | | | 24.59 | | |
| | Available earth | Cum | | | | | 24.59 | 217.1 | 5338.2 |
| 21 | Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be | | | | | | | | |
| | BCSR Item No 3.2, Page No. 10 | | | | | | | | |
| | | | 1 | 5.00 | 6.30 | | 31.50 | | |
| | | Sqm. | | | | | 31.50 | 114.5 | 3606.1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 22 | Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.6, Page No 13 | | | | | | | | |
| | For Foundations Bed Concrete | | | | | | | | |
| | F1 | | | | | | | | |
| | | | 6 | 1.60 | 1.60 | 0.10 | 1.54 | | |
| | Plinth | | | | | | | | |
| | | | 2 | 5.30 | 0.20 | 0.10 | 0.21 | | |
| | | | 3 | 3.60 | 0.20 | 0.10 | 0.22 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.20 | 0.10 | -0.02 | | |
| | BCSR Item No 4.7, Page No 13 | | | | | | 1.94 | 5855.8 | 11360.2 |
| | For Below Floors | | | | | | | | |
| | | | 1 | 5.30 | 4.00 | 0.1 | 2.12 | | |
| | | Cum. | | | | | 2.12 | 5733.7 | 12155.5 |
| 23 | Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. for flagging | | | | | | | | |
| | BCSR Item No 4.6, Page No.13 | | | | | | | | |
| | | Cum. | 1 | 13.30 | 1.5 | 0.1 | 2.00 | 5855.8 | 11682.2 |
| 24 | Providing 20mm thick cement plaster (cement mortar 1:6) in single coat with cement mortar, to stone masonry & concrete surface including rounding off comers wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications for flagging | | | | | | | | |
| | BCSR Item No. 15.20/ 15.32, Page No.116/ 117 | | | | | | | | |
| | | Sqm. | 1 | 13.3 | 1.5 | | 19.95 | 294.8 | 5882.1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 25 | Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm anddown size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with super plasticisers @31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications | | | | | | | | |
| | For Raft slab, Column Footings, Main and Secondary Beams, with RCC 1:1.5:3 mix concrete. | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | F1 | | 6 | 1.40 | 1.40 | 0.45 | 5.29 | | |
| | | | | | | | 5.29 | 6528.6 | 34549.4 |
| | | Cum. | | | | | | | |
| | For Columns, with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Columns up to plinth | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.45 | 1.55 | 0.84 | | |
| | Ground floor | | | | | | | | |
| | Coloumns | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.45 | 3.10 | 1.67 | | |
| | | | | | | | 2.51 | 6528.6 | 16393.3 |
| | | Cum. | | | | | | | |
| | First floor | | | | | | | | |
| | Coloumns | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.45 | 3.10 | 1.67 | | |
| | | | | | | | 1.67 | 6588.6 | 11029.3 |
| | | Cum. | | | | | | | |
| | Terrace floor | | | | | | | | |
| | Coloumns | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.45 | 2.40 | 1.30 | | |
| | | | | | | | 1.30 | 6648.6 | 8616.6 |
| | | Cum. | | | | | | | |
| | a) Plinth Beams | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | | | 2 | 5.30 | 0.20 | 0.45 | 0.95 | | |
| | | | 3 | 3.60 | 0.20 | 0.45 | 0.97 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.20 | 0.45 | -0.11 | | |
| | | Cum | | | | | | | |
| | b) Floor / Roof Beams | | | | | | 1.82 | 6529.0 | 11869.6 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ground Floor | | | | | | | | |
| | | | 2 | 5.30 | 0.20 | 0.45 | 0.95 | | |
| | | | 3 | 3.60 | 0.20 | 0.45 | 0.97 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.20 | 0.45 | -0.11 | | |
| | | Cum | | | | | 1.82 | 6528.6 | 11869.0 |
| | First floor | | | | | | | | |
| | | | 2 | 5.30 | 0.20 | 0.45 | 0.95 | | |
| | | | 3 | 3.60 | 0.20 | 0.45 | 0.97 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.20 | 0.45 | -0.11 | | |
| | | Cum | | | | | 1.82 | 6588.6 | 11978.1 |
| | Terrace floor | | | | | | | | |
| | | | 2 | 5.30 | 0.20 | 0.45 | 0.95 | | |
| | | | 2 | 3.60 | 0.20 | 0.45 | 0.65 | | |
| | Deductions | | | | | | | | |
| | C1 | | 4 | 0.20 | 0.20 | 0.45 | -0.07 | | |
| | | Cum | | | | | 1.53 | 6648.6 | 10172.4 |
| | Floor/ Roof Slabs and Canopies of all spans, with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | | | 1 | 5.30 | 4.00 | 0.15 | 3.18 | | |
| | | Cum | | | | | 3.18 | 6528.6 | 20760.9 |
| | For Staircases (waist slab type) with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Ground floor | | 20 | 1.85 | 0.30 | 0.15 | 0.83 | | |
| | | | 2 | 1.85 | 3.35 | 0.15 | 1.86 | | |
| | | | 1 | 4.00 | 1.50 | 0.15 | 0.90 | | |
| | | Cum. | | | | | 3.59 | 6528.6 | 23464.0 |
| | First floor | | 20 | 1.85 | 0.30 | 0.15 | 0.83 | | |
| | | | 2 | 1.85 | 3.35 | 0.15 | 1.86 | | |
| | | | 1 | 4.00 | 1.50 | 0.15 | 0.90 | | |
| | | Cum. | | | | | 3.59 | 6588.6 | 23679.6 |
| 26 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials,labour complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.28, Page No .16 | | 6 | 5.60 | | 0.45 | 15.12 | | |
| | Coloumns upto plinth | | 6 | 1.30 | | 1.55 | 12.09 | | |
| | | Sqm | | | | | 27.21 | 278.6 | 7581.8 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 27 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, postand struts, square l rectangular/ polygon in plan including cost of allmaterials, labour complete as per specifications. | | | | | | | | |
| | refer BCSR item 4.32, Page No .16 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Coloumns | | 6 | 1.30 | | 3.10 | 24.18 | | |
| | | | | | | | 24.18 | 492.5 | 11908.2 |
| | | Sqm | | | | | | | |
| | First floor | | | | | | | | |
| | | | 6 | 1.30 | | 3.10 | 24.18 | | |
| | | Sqm | | | | | | | |
| | | | | | | | 24.18 | 492.5 | 11908.2 |
| | Terrace floor | | | | | | | | |
| | | | 6 | 1.30 | | 2.40 | 18.72 | | |
| | | Sqm | | | | | | | |
| | | | | | | | 18.72 | 492.5 | 9219.2 |
| 28 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour completeas per specifications. | | | | | | | | |
| | BCSR Item No 4.34, Page No.17 | | | | | | | | |
| | For Plinth Beams | | | | | | | | |
| | | | 2 | 5 | 0.90 | | 9.54 | | |
| | | | 3 | 4 | 0.90 | | 9.72 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.90 | | -1.08 | | |
| | | Sqm | | | | | 18.18 | 315.4 | 5733.2 |
| | For Floor or Roof Beams | | | | | | | | |
| | BCSR Item No 4.34, Page No.17 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 2 | 5 | 1.1 | | 11.66 | | |
| | | | 3 | 4 | 1.1 | | 11.88 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.9 | | -1.08 | | |
| | | Sqm | | | | | 22.46 | 315.4 | 7083.0 |
| | First floor | | | | | | | | |
| | | | 2 | 5 | 1.1 | | 11.66 | | |
| | | | 3 | 3.60 | 1.1 | | 11.88 | | |
| | Deductions | | | | | | | | |
| | C1 | | 6 | 0.20 | 0.9 | | -1.08 | | |
| | | Sqm | | | | | 22.46 | 315.4 | 7083.0 |
| | Terrace floor | | | | | | | | |
| | | | 2 | 5 | 1.1 | | 11.00 | | |
| | | | 2 | 3.60 | 1.1 | | 7.92 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Deductions | | | | | | | | |
| | C1 | | 4 | 0.20 | 0.9 | | -0.72 | | |
| | | Sqm | | | | | 18.20 | 315.4 | 5739.6 |
| 29 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. | | | | | | | | |
| | BCSR Item 4.30, Page No.16 | | | | | | | | |
| | Terrace floor | | | | | | | | |
| | Deductions | | 1 | 5.60 | 4.30 | | 24.08 | | |
| | C1 | | 6 | 0.20 | 0.20 | | -0.24 | | |
| | | Sqm | | | | | 23.84 | 475.2 | 11328.8 |
| 30 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. | | | | | | | | |
| | BCSR Item No 4.38, Page No.17 | | | | | | | | |
| | Ground floor | | 20 | 1.85 | 0.02 | | 0.83 | | |
| | | | 2 | 1.85 | 3.65 | | 13.52 | | |
| | | | 1 | 8 | 1.50 | | 12.00 | | |
| | | Sqm. | | | | | 26.35 | 561.6 | 14799.7 |
| | First floor | | | | | | | | |
| | | | 20 | 1.85 | 0.02 | | 0.83 | | |
| | | | 2 | 1.85 | 3.65 | | 13.52 | | |
| | | | 1 | 8 | 1.50 | | 12.00 | | |
| | | Sqm. | | | | | 26.35 | 561.6 | 14799.7 |
| | | | | | | | | | |
| 31 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.46 & 4.47, Page No.18 | | | | | | | | |
| | Footings and pedestals | Tonne | | | | | 0.32 | 77451.1 | 24784.4 |
| | Coloumns | Tonne | | | | | 0.99 | 77451.1 | 76676.6 |
| | Plinth Beams | Tonne | | | | | 0.20 | 77451.1 | 15490.2 |
| | Roof Beams | Tonne | | | | | 0.57 | 77451.1 | 44147.1 |
| | Roof Slab, Staircase and others | Tonne | | | | | 1.14 | 77451.1 | 88294.3 |
| | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| 32 | Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., | | | | | | | | |
| | BCSR Item No 5.28, Page No .27 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 4 | 3.35 | | 1.00 | 13.42 | | |
| | | | 1 | 4.00 | | 1.00 | 4.00 | | |
| | | | 2 | 0.30 | | 1.00 | 0.60 | | |
| | | | | | | | 18.02 | 875.9 | 15780.2 |
| | | Sqm | | | | | | | |
| | First floor | | | | | | | | |
| | | | 4 | 3.35 | | 1.00 | 13.42 | | |
| | | | 1 | 4.00 | | 1.00 | 4.00 | | |
| | | | 1 | 2.30 | | 1.00 | 2.30 | | |
| | | | | | | | 19.72 | 910.9 | 17959.3 |
| | First floor | | | | | | | | |
| | | | 1 | 17.20 | | 2.00 | 34.40 | | |
| | | | 1 | 1.50 | | 2.00 | -3.00 | | |
| | | | 2 | 1.20 | | 1.20 | -2.88 | | |
| | | | | | | | 28.52 | 945.9 | 26976.5 |
| 33 | KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.22 & 15.33, Page No.113 & | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | Coloumns | | | | | | | | |
| | C1 | | 6 | 1.30 | 3.10 | | 24.18 | | |
| | Beams | | 2 | 5.30 | 0.45 | | 4.77 | | |
| | | | 2 | 3.60 | 0.45 | | 3.24 | | |
| | | Sqm | | | | | 33.80 | 277.6 | 9381.4 |
| | below waist slabs | | 2 | 3.40 | 2.00 | | 13.60 | | |
| | landing | | 1 | 4.00 | 2.00 | | 8.00 | | |
| | Deductions | | | | | | | | |
| | Beams | | 2 | 5.30 | 0.20 | | -2.12 | | |
| | | | 3 | 3.60 | 0.20 | | -2.16 | | |
| | | Sqm | | | | | 17.32 | 277.6 | 4807.3 |
| | First Floor | | | | | | | | |
| | columns | | | | | | | | |
| | C1 | | 6 | 1.30 | 3.10 | | 24.18 | | |
| | Beams | | 2 | 5.30 | 0.45 | | 4.77 | | |
| | | | 2 | 3.60 | 0.45 | | 3.24 | | |
| | | Sqm | | | | | 33.80 | 1336.6 | 45175.1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | below waist slabs | | 2 | 3.40 | 2.00 | | 13.60 | | |
| | landing | | 1 | 4.00 | 2.00 | | 8.00 | | |
| | Deductions | | | | | | | | |
| | Beams | | 2 | 5.30 | 0.20 | | -2.12 | | |
| | | | 3 | 3.60 | 0.20 | | -2.16 | | |
| | Terrace Floor | Sqm | | | | | | | |
| | columns | | | | | | 17.32 | 1336.6 | 23149.2 |
| | C1 | | | | | | | | |
| | | | 6 | 1.30 | 2.40 | | 18.72 | | |
| | Beams | | | | | | | | |
| | | | 2 | 5.30 | 0.45 | | 4.77 | | |
| | | | 2 | 3.60 | 0.45 | | 3.24 | | |
| | | Sqm | | | | | | | |
| | | | | | | | 28.07 | 1342.6 | 37681.0 |
| | Ceiling portion | | | | | | | | |
| | | | 1 | 5.30 | 4.00 | | 21.20 | | |
| | | Sqm | | | | | 21.20 | 1342.6 | 28462.3 |
| 34 | KSRB 15-3.5/15-7: Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc.including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.13 & 15.33, Page No.115 & | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 8 | 3.35 | | 1.00 | 13.42 | | |
| | | | 2 | 4.00 | | 1.00 | 4.00 | | |
| | | | 4 | 0.30 | | 1.00 | 0.60 | | |
| | | Sqm | | | | | 18.56 | 273.2 | 5070.5 |
| | First floor | | | | | | | | |
| | | | 8 | 3.35 | | 1.00 | 13.42 | | |
| | | | 2 | 4.00 | | 1.00 | 4.00 | | |
| | | | 2 | 2.30 | | 1.00 | 2.30 | | |
| | | Sqm | | | | | 20.31 | 279.2 | 5670.8 |
| | Terrace Floor | | | | | | | | |
| | | | 1 | 17.20 | | 2.40 | 41.28 | | |
| | | | 1 | 1.50 | | 2.00 | -3.00 | | |
| | | | 2 | 1.20 | | 1.20 | -2.88 | | |
| | | Sqm | | | | | 36.46 | 285.2 | 10400.4 |
| 35 | KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications | | | | | | | | |
| | BCSR Item No 15.15, Page No.116 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | Coloumns | | 6 | 0.65 | 3.10 | | 12.09 | | |
| | C1 | | | | | | | | |
| | | | 2 | 5.30 | 0.65 | | 6.89 | | |
| | Beams | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | 3.60 | 0.65 | | 4.68 | | |
| | | | | | | | 23.66 | 298.1 | 7052.6 |
| | Ground floor- Steel Doors | | | | | | | | |
| | C1 | | 6 | 0.65 | 3.10 | | 12.09 | | |
| | | | 2 | 5.30 | 0.65 | | 6.89 | | |
| | Beams | | 2 | 3.60 | 0.65 | | 4.68 | | |
| | | | | | | | 23.66 | 304.1 | 7194.5 |
| | Terrace Floor | | 1 | 17.20 | 2.40 | | 41.28 | | |
| | | Sqm | | | | | 41.28 | 310.1 | 12800.1 |
| 36 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.. with primer Internal Masonry wall surfaces | | | | | | | | |
| | BCSR Item No 15.49.1 & 15.49.2, Page | | | | | | | | |
| | 20.01 Internal Ceiling | | | | | | | | |
| | | | | | | | 151.51 | 127.4 | 19308.4 |
| | | Sqm. | | | | | 56.18 | 127.4 | 7159.6 |
| | 20.02 Internal Masonry wall surfaces | | | | | | | | |
| | | Sqm. | | | | | 125.06 | 127.4 | 15937.9 |
| 37 | 14.62 Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. | | | | | | | | |
| | BCSR Item No 14.62, Page No .112 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Stairs Treads | | 20 | 1.85 | 0.30 | | 11.10 | | |
| | | | 1 | 4.00 | 1.50 | | 6.00 | | |
| | First floor | Sqm | | | | | 17.10 | 1330.6 | 22752.6 |
| | | | 20 | 1.85 | 0.30 | | 11.10 | | |
| | | | 1 | 4.00 | 1.50 | | 6.00 | | |
| | | Sqm | | | | | 17.10 | 1332.6 | 22786.8 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 38 | KSRB 15-23.1 :Providing pre-cast grey colour mosaic tiles 20mm thick with marble chips of white, black, chocolate, grey, yellow or baroda green from smallest to 6mm nominal size, with ordinary cement ( in top layer only ) for skirting and rises of steps ( not exceeding 30cms height) on 1 Ocms thick cement mortar 1 :3 jointed with neat cement slurry, rubbed and polished to granolithic finish, including cost of materials, labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.92, Page No .125 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Stairs Treads | | | | | | | | |
| | | | 20 | 1.85 | | | 37.00 | | |
| | First floor | m | | | | | | | |
| | | | | | | | 37.00 | 1330.6 | 49230.7 |
| | | | 20 | 1.85 | | | | | |
| | | | | | | | 37.00 | | |
| | | m | | | | | | | |
| | | | | | | | 37.00 | 1332.6 | 49304.7 |
| | **E. 'C' Block Water Proofing on Terrace** | | | | | | | | |
| 39 | Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications | | | | | | | | |
| | BCSR Item No 37.44 Page No 269 | | | | | | | | |
| | | cum | 1 | 50.00 | 9.20 | 0.15 | 69.00 | 799.2 | 55144.8 |
| 40 | Waterproofing of RCC Terrace/podium slab/ toilet/ utilities/ water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks I construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates@ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanollinear copolymer@ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic I styrene I butadiene & cement in the ratio of 1:0.1, @ 0.50kg/sqm on the whole surface, Including all labour charges tools and equipments,all complete as per the specification | | | | | | | | |
| | BCSR Item No 10.5.1 Page No 6 | | | | | | 460.00 | | |
| | | | 1 | 50.00 | 9.20 | | 460.00 | 568.1 | 261316.8 |
| | | sqm | | | | | | | |
| 41 | KSRB 10-2: Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1 :3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS | | | | | | | | |
| | BCSR Item No 10.5.1 Page No 6 | | | | | | 460.00 | | |
| | | | 1 | 50.00 | 9.20 | | 460.00 | 1056.2 | 485870.4 |
| | | sqm | | | | | | | |
| | **F. Toilet Block** | | | | | | | | |

| Sl. No. | Description | Unit | No | Length | Width | Depth | Quantity | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | PART A - EARTHWORK | | | | | | | | |
| 42 | Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. | | | | | | | | |
| | BCSR Item No 2.1 Page No 6 | | | | | | | | |
| | | | 14 | 2.00 | 2.00 | 1.75 | 98.00 | | |
| | F1 | | 2 | 15.40 | 0.65 | 0.45 | 9.01 | | |
| | SSM | | 2 | 6.00 | 0.65 | 0.45 | 3.51 | | |
| | | | | | | | 110.52 | 268.9 | 29720.8 |
| 1.01 | In ordinary soil | Cum | | | | | | | |
| 43 | Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 ems. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. | | | | | | | | |
| | BCSR Item No 2.10, Page No 7 | | | | | | | | |
| | Quantity from Excavation | | | | | | 110.52 | | |
| | F1 | | 14 | 2.00 | 2.00 | 0.10 | -5.60 | | |
| | | | 14 | 1.80 | 1.80 | 0.50 | -22.68 | | |
| | Coloumns Upto Plinth | | 14 | 0.20 | 0.45 | 1.15 | -1.45 | | |
| | BCSR Item No 4.46.2, Page No .18 | | 2 | 15.4 | 0.45 | 0.45 | -6.24 | | |
| | | | 2 | 6.0 | 0.45 | 0.45 | -2.43 | | |
| | total filling | | | | | | 72.12 | | |
| | Available earth | Cum | | | | | 72.12 | 217.1 | 15656.5 |
| 44 | Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured ) | | | | | | | | |
| | BCSR Item No 3.2, Page No. 10 | | | | | | | | |
| | | | 1 | 7.40 | 16.40 | | 121.36 | | |
| | | Sqm. | | | | | 121.36 | 114.5 | 13893.3 |
| | TOTAL OF PART A - EARTHWORK | | | | | | | | 59270.5 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | PART B - PLAIN CEMENT CONCRETE | | | | | | | | |
| | Note: The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |
| 45 | Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.6, Page No 13 | | | | | | | | |
| | 1.01- For Foundations Bed Concrete | | | | | | | | |
| | F1 | | 14 | 2.00 | 2.00 | 0.10 | 5.60 | | |
| | Plinth | | | | | | | | |
| | | | 3 | 15.40 | 0.20 | 0.10 | 0.92 | | |
| | | | 6 | 6.00 | 0.20 | 0.10 | 0.72 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.45 | 0.10 | -0.13 | | |
| | BCSR Item No 4.7, Page No 13 | | | | | | 7.12 | 5855.8 | 41681.3 |
| | 1.02 For Below Floors | | | | | | | | |
| | Ground floor | | 1 | 15.00 | 6.00 | 0.1 | 9.00 | | |
| | Deductions | | | | | | | | |
| | Plinth inside | | 3 | 15.40 | 0.20 | 0.10 | -0.92 | | |
| | | | 6 | 6.00 | 0.20 | 0.10 | -0.72 | | |
| | For flagging | | 1 | 42.80 | 1.50 | 0.10 | 6.42 | | |
| | | Cum. | | | | | 13.78 | 5733.7 | 78987.7 |
| 46 | Providing 20mm thick cement plaster (cement mortar 1:4) in single coat with cement mortar, to stone masonry & concrete surface including rounding off comers wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications | | | | | | | | |
| | BCSR Item No. 15.19/ 15.32, Page No.116/ 117 | Sqm. | 1 | 42.80 | 1.5 | | 64.20 | 313.2 | 20107.4 |
| | TOTAL OF PART B - PLAIN CEMENT CONCRETE | | | | | | | | |
| | PART C - REINFORCED CEMENT CONCRETE | | | | | | | | |
| | Note : The lift charges will be applicable from finished level of one floor | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 47 | Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm anddown size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with super plasticisers @31ts confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. | | | | | | | | |
| | For Raft slab, Column Footings, Main and Secondary Beams, with RCC 1:1.5:3 mix concrete. | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | F1 | | 14 | 1.80 | 1.80 | 0.60 | 27.22 | | |
| | | | | | | | | | |
| | | Cum. | | | | | 27.22 | 6528.6 | 177682.4 |
| | | | | | | | | | |
| | For Columns, with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Columns up to plinth | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.60 | 1.15 | 1.93 | | |
| | | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Coloumns | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.60 | 3.00 | 5.04 | | |
| | | | | | | | | | |
| | | Cum. | | | | | 6.97 | 6528.6 | 45517.4 |
| | First Floor | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.60 | 3.00 | 5.04 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | a) Plinth Beams | | | | | | 5.04 | 6593.4 | 33230.7 |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | | | 3 | 15.40 | 0.20 | 0.45 | 4.16 | | |
| | | | 4 | 6.00 | 0.20 | 0.45 | 2.16 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.45 | 0.45 | -0.57 | | |
| | | | | | | | | | |
| | | Cum | | | | | 5.75 | 6528.6 | 37546.0 |
| | b) Floor / Roof Beams | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 3 | 15.40 | 0.20 | 0.60 | 5.54 | | |
| | | | 4 | 6.00 | 0.20 | 0.60 | 2.88 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.45 | 0.45 | -0.57 | | |
| | | Cum | | | | | 7.86 | 6528.6 | 51295.2 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | First Floor | | | | | | | | |
| | | | 3 | 15.40 | 0.20 | 0.60 | 5.54 | | |
| | | | 4 | 6.00 | 0.20 | 0.60 | 2.88 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.45 | 0.45 | -0.57 | | |
| | | | | | | | 7.86 | 6593.4 | 51804.3 |
| | Floor/ Roof Slabs and Canopies of all spans, with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 1 | 16.00 | 7.00 | 0.15 | 16.80 | | |
| | | Cum | | | | | | | |
| | 1st floor | | | | | | 16.80 | 6528.6 | 109680.5 |
| | | | 1 | 16 | 7 | 0.15 | 16.80 | | |
| | | | | | | | 16.80 | 6593.4 | 110769.1 |
| | For Lintels with RCC 1:1.5:3 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Groud floor | | | | | | | | |
| | D1 | | 1 | 2.10 | 0.20 | 0.20 | 0.08 | | |
| | D2 | | 25 | 1.35 | 0.10 | 0.20 | 0.68 | | |
| | V | | 14 | 1.20 | 0.20 | 0.20 | 0.67 | | |
| | | Cum | | | | | 1.43 | 6528.6 | 9342.4 |
| | First Floor | | | | | | | | |
| | D1 | | 1 | 2.1 | 0.2 | 0.2 | 0.08 | | |
| | D2 | | 25 | 1.35 | 0.1 | 0.2 | 0.68 | | |
| | V | | 14 | 1.2 | 0.2 | 0.2 | 0.67 | | |
| | | Cum | | | | | 1.43 | 6593.4 | 9435.2 |
| | | | | | | | | | |
| 48 | Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391 cum, with super plasticisers @0.2251ts, machine mixed, well compacted for plain chajja of 8.5 ems. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, cur.ing, complete but excluding cost of reinforcement as per specifications. | | | | | | | | |
| | Plain Chajja (including providing and fixing 40mm dia. | | | | | | | | |
| | BCSR Item No 4.20, Page No .15 | | | | | | | | |
| | Ground Floor | | 14 | 1.40 | 0.60 | | 11.76 | | |
| | V | | | | | | 11.76 | 535.7 | 6299.6 |
| | | Sqm. | | | | | | | |
| | | | | | | | 11.76 | | |
| | First Floor | | 14 | 1.4 | 0.6 | | 11.76 | 541.1 | 6363.1 |
| | V | Sqm. | | | | | | | |
| 49 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials,labour complete as per specifications. | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | BCSR Item No 4.28, Page No .16 | | | | | | | | |
| | | | 14 | 7.20 | | 0.60 | 60.48 | | |
| | Coloumns upto plinth | | | | | | | | |
| | | | 14 | 1.60 | | 1.15 | 25.76 | | |
| | | Sqm | | | | | 86.24 | 278.6 | 24029.9 |
| 50 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, postand struts, square l rectangular/ polygon in plan including cost of allmaterials, labour complete as per specifications. | | | | | | | | |
| | refer BCSR item 4.32, Page No .16 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Coloumns | | 14 | 1.60 | | 3.00 | 67.20 | | |
| | | | 14 | 1.60 | | 3.00 | 67.20 | | |
| | 1st floor | | | | | | 134.40 | 492.5 | 66189.3 |
| | | Sqm | | | | | | | |
| 51 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour completeas per specifications | | | | | | | | |
| | BCSR Item No 4.34, Page No 17 | | | | | | | | |
| | For Plinth Beams | | | | | | | | |
| | | | 3 | 15.4 | 0.90 | | 41.58 | | |
| | | | 4 | 6.0 | 0.90 | | 21.60 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.90 | | -2.52 | | |
| | | Sqm | | | | | 60.66 | 315.4 | 19129.7 |
| | For Floor or Roof Beams | | | | | | | | |
| | BCSR Item No 4.34, Page No.17 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 3 | 15.40 | 1.4 | | 64.68 | | |
| | | | 4 | 6.00 | 1.4 | | 33.60 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.9 | | -2.52 | | |
| | | Sqm | | | | | 95.76 | 315.4 | 30198.9 |
| | 1st floor | | | | | | | | |
| | | | 3 | 15.4 | 1.4 | | 64.68 | | |
| | | | 4 | 6 | 1.4 | | 33.60 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.2 | 0.9 | | -2.52 | | |
| | | Sqm | | | | | 95.76 | 315.4 | 30198.9 |
| | For Lintels | | | | | | | | |
| | BCSR Item No 4.35, Page No.17 | | | | | | | | |
| | Ground floor | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | D1 | | | | | | | | |
| | D2 | | 1 | 2.10 | 0.40 | | 0.84 | | |
| | V | | 25 | 1.35 | 0.30 | | 10.13 | | |
| | | | 14 | 1.20 | 0.4 | | 6.72 | | |
| | | | | | | | | | |
| | 1st floor | Sqm | | | | | 17.69 | 435.2 | 7697.2 |
| | D1 | | | | | | | | |
| | D2 | | 1 | 2.1 | 0.4 | | 0.84 | | |
| | V | | 25 | 1.35 | 0.3 | | 10.13 | | |
| | | | 14 | 1.2 | 0.4 | | 6.72 | | |
| | | | | | | | | | |
| | | Sqm | | | | | 17.69 | 435.2 | 7697.2 |
| 52 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. | | | | | | | | |
| | BCSR Item 4.30, Page No.16 | | | | | | | | |
| | 1st floor | | 1 | 16.30 | 7.30 | | 118.99 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.45 | | -1.26 | | |
| | | | | | | | | | |
| | | Sqm | | | | | 117.73 | 475.2 | 55945.3 |
| | For Chajjas | | | | | | | | |
| | BCSR Item 4.37, Page No.17 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | V | | 14 | 1.40 | 0.30 | | 5.88 | | |
| | | | | | | | | | |
| | | Sqm. | | | | | 5.88 | 348.8 | 2051.2 |
| | 1st floor | | | | | | | | |
| | | | 14 | 1.40 | 0.30 | | 5.88 | | |
| | | | | | | | | | |
| | | Sqm. | | | | | 5.88 | 348.8 | 2051.2 |
| | | | | | | | | | |
| | TOTAL OF PART C - REINFORCED CEMENT CONCRETE | | | | | | | | 8944.8 |
| | PART D - STEEL REINFORCEMENT | | | | | | | | |
| | Note:The lift charges will be applicable from finished level of one floor to | | | | | | | | |
| 53 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and l or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.46 & 4.47, Page No.18 | | | | | | | | |
| | Ground floor | | | | | | 1.63 | 76643.3 | 124926.5 |
| | Footings and pedestals | Tonne | | | | | 1.25 | 76643.3 | 95804.1 |
| | Coloumns | Tonne | | | | | 0.72 | 76643.3 | 55183.2 |
| | Plinth Beams | Tonne | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Roof Beams | Tonne | | | | | 0.98 | 76643.3 | 75110.4 |
| | Roof Slab, Staircase and others | Tonne | | | | | 2.01 | 76643.3 | 154053.0 |
| | 1st Floor | | | | | | | | |
| | Coloumns | Tonne | | | | | 0.91 | 77451.1 | 70480.5 |
| | Roof Beams | Tonne | | | | | 0.98 | 77451.1 | 75902.1 |
| | Roof Slab, Staircase and others | Tonne | | | | | 2.01 | 77451.1 | 155676.8 |
| | | | | | | | | | 807138.6 |
| | TOTAL OF PART D - STEEL REINFORCEMENT | | | | | | | | |
| | PART E - MASONRY | | | | | | | | |
| | Note: The lift charges will be applicable from finished level of one floor to | | | | | | | | |
| 54 | Providing and constructing granite I trap I basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | BCSR Item No 5.6, Page No 25 | | | | | | | | |
| | Ground Floor | | 2 | 15.40 | 0.45 | 0.45 | 6.24 | | |
| | | | 2 | 6.00 | 0.45 | 0.45 | 2.43 | | |
| | Deductions | | | | | | | | |
| | C1 | | 14 | 0.20 | 0.60 | 0.45 | -0.76 | | |
| | | Cum | | | | | 7.91 | 4963.7 | 39267.7 |
| 55 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.5.4 | | | | | | | | |
| | BCSR Item No 5.27.1, Page No.27 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Outer wall | | 2 | 15.40 | | 2.40 | 73.92 | | |
| | | | 2 | 6.00 | | 2.40 | 28.80 | | |
| | Deductions | | | | | | | | |
| | D1 | | 1 | 1.5 | | 2 | -3.00 | | |
| | V | | 14 | 1.0 | | 0.45 | -6.30 | | |
| | Lintels | | | | | | | | |
| | D1 | | 1 | 2.10 | | 0.20 | -0.42 | | |
| | V | | 14 | 1.20 | | 0.20 | -3.36 | | |
| | | Sqm | | | | | 89.64 | 985.0 | 88291.8 |
| | 1st floor | Sqm | | | | | 89.64 | 1022.8 | 91680.2 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 56 | Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., | | | | | | | | |
| | BCSR Item No 5.28, Page No .27 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 35 | 1.30 | | 2.40 | 109.20 | | |
| | | | 25 | 1.20 | | 2.40 | 72.00 | | |
| | Deductions | | | | | | | | |
| | D2 | | 25 | 0.75 | | 2.00 | -37.50 | | |
| | Lintels | | 25 | 1.35 | | 0.20 | -6.75 | | |
| | | Sqm | | | | | 136.95 | 875.9 | 119951.6 |
| | 1st floor | | | | | | | | |
| | | Sqm | | | | | 136.95 | 913.7 | 125128.5 |
| | For parapet wall | | 1 | 42.80 | | 1.2 | 51.36 | 913.7 | 965.0 |
| | TOTAL OF PART E - MASONRY | | | | | | | | 465285.0 |
| | PART F - PLASTERING | | | | | | | | |
| | Notes: The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |
| 57 | KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.22 & 15.33, Page No.113 & | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | Coloumns | | 4 | 0.40 | 2.40 | | 3.84 | | |
| | C1 | | 10 | 0.60 | 2.40 | | 14.40 | | |
| | | | 3 | 15.40 | 0.60 | | 27.72 | | |
| | Beams | | 2 | 6.00 | 0.60 | | 7.20 | | |
| | | | 2 | 6.00 | 1.20 | | 14.40 | | |
| | | | 1 | 16.00 | 7.00 | | 112.00 | | |
| | Ceiling portion | | | | | | | | |
| | Deductions | | 2 | 15.00 | 0.20 | | -6.00 | | |
| | Beams | | 2 | 6.00 | 0.20 | | -2.40 | | |
| | | Sqm | | | | | 179.72 | 277.6 | 49882.5 |
| | 1st floor | Sqm | | | | | 179.72 | 284.0 | 51047.1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 58 | KSRB 15-3.5/15-7: Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc.including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.13 & 15.33, Page No.115 & | | | | | | | | |
| | Ground floor | | 2 | 15.40 | | 2.40 | 73.92 | | |
| | Outer wall | | 2 | 6.00 | | 2.40 | 28.80 | | |
| | Inner walls | | 35 | 2.60 | | 2.40 | 218.40 | | |
| | | | 25 | 2.40 | | 2.40 | 144.00 | | |
| | Deductions | | | | | | | | |
| | D1 | | 1 | 1.50 | | 2.00 | -4.50 | | |
| | D2 | | 25 | 0.75 | | 2.00 | -56.25 | | |
| | V | | 14 | 1.00 | | 0.45 | -3.15 | | |
| | | Sqm | | | | | 413.26 | 273.2 | 112918.2 |
| | 1st floor | | | | | | | | |
| | | Sqm | | | | | 413.26 | 292.7 | 120951.9 |
| 59 | KSRB 15-3.5/15-4.7: Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.13 & 15.33, Page No.115 & | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Outer wall | | 2 | 15.40 | | 2.40 | 73.92 | | |
| | | | 2 | 6.00 | | 2.40 | 28.80 | | |
| | Deductions | | | | | | | | |
| | D1 | | 1 | 1.50 | | 2.00 | -3.00 | | |
| | V | | 14 | 1.00 | | 0.45 | -6.30 | | |
| | | Sqm | | | | | 95.29 | 273.2 | 26036.6 |
| | 1st floor | | | | | | | | |
| | | Sqm | | | | | 95.29 | 292.7 | 27889.0 |
| | For parapet wall | | 2 | 42.6 | | 1.2 | 103.23 | 292.7 | 30214.4 |
| | TOTAL OF PART F - PLASTERING | | | | | | | | 418939.8 |
| | PART G - PAINTING | | | | | | | | |
| | Notes:The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 60 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.. with primer Internal Masonry wall surfaces | | | | | | | | |
| | BCSR Item No 15.49.1 & 15.49.2, Page | | | | | | | | |
| | Internal Ceiling | | | | | | | | |
| | Ground floor | | | | | | | | |
| | 1st floor | | | | | | 179.72 | 127.4 | 22903.5 |
| | | Sqm. | | | | | 179.72 | 136.1 | 24456.3 |
| | Internal Masonry wall surfaces | | | | | | | | |
| | Ground floor | Sqm. | | | | | | | |
| | 1st floor | Sqm. | | | | | 413.26 | 127.4 | 52665.9 |
| | | | | | | | 413.26 | 136.1 | 56236.4 |
| 61 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.53.2, Page No.120 | | | | | | | | |
| | Ground floor | Sqm. | | | | | 95.29 | 110.2 | 10497.0 |
| | 1st floor | Sqm. | | | | | 95.29 | 118.8 | 11320.3 |
| 62 | Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.<br>KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.73 & 15.74, Page No.123 | | | | | | 6.30 | 146.9 | 925.3 |
| | Ground floor | Sqm. | | | | | 6.30 | 146.9 | 925.3 |
| | 1st floor | Sqm. | | | | | | | 179930.0 |
| | TOTAL OF PART G - PAINTING | | | | | | | | |
| | PART H - FLOORING | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | Notes: The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |
| | | | | | | | | | |
| 63 | Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.cement mortar 1:6 | | | | | | | | |
| | Refer BCSR item 14.36.2, Page No.108 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Toilets | | 25 | 1.20 | 1.20 | | 36.00 | | |
| | Corridor | | 3 | 6.50 | 1.30 | | 25.35 | | |
| | Open space | | 1 | 3.00 | 6.00 | | 18.00 | | |
| | Sitting area | | 1 | 2.40 | 1.30 | | 3.12 | | |
| | | Sqm | | | | | 82.47 | 1306.8 | 107771.8 |
| | 1st floor | | | | | | | | |
| | | Sqm | | | | | 82.47 | 1309.0 | 107949.9 |
| | | | | | | | | | |
| 64 | KSRB15-5 Providing rough cement-plastering15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | Refer BCSR item 15.31, Page No.117 | | | | | | | | |
| | Toilets | | 25 | 4 | 2.1 | | 228.38 | | |
| | Open space | | 1 | 13.6 | 2.1 | | 28.56 | | |
| | skirting | | 1 | 50.0 | 0.125 | | 6.25 | | |
| | | Sqm | | | | | 263.19 | 256.0 | 67364.8 |
| | 1st Floor | | | | | | | | |
| | | Sqm | | | | | 263.19 | 256.0 | 67364.8 |
| 65 | Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, completeas per specifications. | | | | | | | | |
| | BCSR Item No 14.41.1, Page No.108 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | Toilets | | 25 | 4.35 | 2.1 | | 228.38 | | |
| | wash basin | | 0 | 2.6 | 1.2 | | 0.00 | | |
| | Open space | | 1 | 13.6 | 2.1 | | 28.56 | | |
| | skirting | | 1 | 50.0 | 0.125 | | 6.25 | | |
| | | Sqm | | | | | 263.19 | 1372.7 | 361268.8 |
| | 1st floor | | | | | | | | |
| | | Sqm | | | | | 263.19 | 1374.8 | 361837.3 |
| | TOTAL OF PART H - FLOORING | | | | | | | | 1073557.4 |
| | | | | | | | | | |
| | PART I - JOINERY | | | | | | | | |
| | Notes: | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | a) All the steel surfaces shall be thoroughly cleaned free of rust and painted with one coat of | | | | | | | | | |
| | b) The lift charges will be applicable from finished level of one floor to finished level of next | | | | | | | | | |
| 66 | Providing wood frames of doors, windows, clerestorywindows, ventilators and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete andside clamps), but including cost of materials, labour, HOM complete as per specifications | | | | | | | | | |
| | item 9.13, Page No no.55 | | | | | | | | | |
| | Ground Floor | | | | | | | | | |
| | | Cum | 1 | 5.50 | 0.15 | 0.10 | 0.08 | | | |
| | 1st floor | | | | | | | | | |
| | | Cum | | | | | 0.08 | 65391.8 | 5394.8 | |
| 67 | Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of Smm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. | | | | | | 0.08 | 65396.2 | 5395.2 | |
| | item 9.92, Page No no.62 | | | | | | | | | |
| | Ground Floor | | | | | | | | | |
| | | m | 25 | 4.75 | | | 118.75 | | | |
| | 1st floor | | | | | | 118.75 | 388.8 | 46170.0 | |
| | | m | | | | | | | | |
| | | | | | | | 118.75 | 393.1 | 46683.0 | |
| 68 | Fixing of frames in an existing opening includingembeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. Including cost of materials, labour charges.complete as per specifications. | | | | | | | | | |
| | BCSR Item No 9.80, Page No.60 | | | | | | | | | |
| | Ground Floor | Nos. | 26 | | | | 26.00 | 1475.3 | 38357.3 | |
| | 1st floor | Nos. | 26 | | | | 26.00 | 1479.6 | 38469.6 | |
| 69 | Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 1 OOmm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 | | | | | | | | | |
| | BCSR Item No 9.45, Page No.56 | | | | | | | | | |
| | Ground Floor | | 1 | 1.50 | 2.00 | | 3.00 | | | |
| | | Sqm | | | | | 3.00 | 4692.6 | 14077.8 | |
| | 1st floor | Sqm | | | | | 3.00 | 4696.6 | 14089.8 | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 70 | Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, weldedfsealed to the styles and rails along with 5mm PVC, heeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity | | | | | | | | | |
| | Refer BCSR item 9.91, Page No. 62 | | | | | | | | | |
| | C | | 25 | 0.75 | 2 | | 37.50 | | | |
| | | Sqm | | | | | 37.50 | 2592.0 | | 97200.0 |
| | 1st floor | | | | | | | | | |
| | | Sqm | | | | | 37.50 | 2596.0 | | 97350.0 |
| 71 | KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 ems. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM complete as per specifications. | | | | | | | | | |
| | BCSR Item No 7.8Page No. 34 | | | | | | | | | |
| | Ground floor | | | | | | | | | |
| | | | 14 | 1.00 | | 0.45 | 6.30 | | | |
| | | Sqm. | | | | | 6.30 | 3594.2 | | 22643.7 |
| | 1st floor | | | | | | | | | |
| | | Sqm. | | | | | 6.30 | 3600.7 | | 22684.5 |
| 72 | Providing and fixing MS grill work for windows and ventilators weighing 21 kgs./ sqm. using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc. | | | | | | | | | |
| | BCSR Item No 7.9, Page No. 34 | | | | | | | | | |
| | Ground floor | Kgs. | | | | | | | | |
| | 1st floor | Kgs. | | | | | 132.30 | 102.6 | | 13574.0 |
| | | | | | | | 132.30 | 102.6 | | 13574.0 |

## PART J - WATER SUPPLY & SANITARY WORKS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Notes: The lift charges will be applicable from finished level of one floor to finished | | | | | | | | | |
| 73 | Providing and fixing white vitreous china clay, water closet European type (Pedestal type, S-trap) with black solid plasticseat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed Ivitreous china clay low level, flushing cistern (all are approved make) with fittings, C. I I M.S brackets, 40mm diameter flush bend with fittings | | | | | | | | | |
| | BCSR Item No 12.6, Page No.79 | | | | | | | | | |
| | Ground floor | Pan | 25 | | | | | 25.00 | 5191.6 | 129789.0 |
| | 1st floor | Pan | 25 | | | | | 25.00 | 5191.6 | 129789.0 |
| 74 | Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I I M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. | | | | | | | | | |
| | BCSR Item No 12.23, Page No.82 | | | | | | | | | |
| | Ground floor | unit | 5 | | | | | 5.00 | 4327.6 | 21637.8 |
| | 1st floor | unit | 5 | | | | | 5.00 | 4327.6 | 21637.8 |
| 75 | Providing and fixing 1500x450mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications | | | | | | | | | |
| | BCSR Item No 12.43, Page No.85 | | | | | | | | | |
| | Ground floor | unit | 3 | | | | | 3.00 | 1599.5 | 4798.4 |
| | 1st floor | unit | 3 | | | | | 3.00 | 1599.5 | 4798.4 |
| 76 | Providing & fixing Polyethelene-Aiuminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabalized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80°C inCluding all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 meter spacing, cutting & making good the walls etc., including testing complete as required. (Internal work) -1620 (20mm OD) Pipe | | | | | | | | | |
| | BCSR Item No 13.82.2, Page No.97 | | | | | | | 81.60 | 231.1 | 18859.4 |
| | Ground floor | m | | 81.6 | | | | 81.60 | 231.1 | 18859.4 |
| | 1st floor | m | | 81.6 | | | | | | |
| 77 | Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). | | | | | | | | | |
| | BCSR Item No 12.113.2, | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ground floor | Each | 36 | | | | 36.00 | 307.8 | 11080.8 |
| | 1st floor | Each | 36 | | | | 36.00 | 307.8 | 11080.8 |
| | | | | | | | | | |
| 78 | Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-In ordinary soil. | | | | | | | | |
| | BCSR Item No 2.3, Page No.6 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | For Pipe Lines | cum | 1 | 42.00 | 0.5 | 0.5 | 10.50 | 322.9 | 3390.7 |
| | for Inspection Chambers | cum | 10 | 1.11 | 1.11 | 0.75 | 9.24 | 322.9 | 2984.0 |
| | | | | | | | | | |
| 79 | Providing and fixing sand cast iron soil waste and vent pipes with spun yarn soaked in cement slurry and cement mortar 1 :2 including cost of materials, labour, testing complete as per specifications. | | | | | | | | |
| | BCSR Item No 12.47, Page No.85 | | | | | | | | |
| | Ground floor | mtr | 1 | 42.00 | | | 42.00 | 719.3 | 30209.8 |
| | | | | | | | | | |
| 80 | Constructing brick masonry Inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions. total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1 :3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. - 450x300mm and 450mm depth ( clear inside dimension ) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x300mm | | | | | | | | |
| | BCSR Item No 11.50.4, Page No.76 | | | | | | | | |
| | Ground floor | Nos | 10.00 | | | | 10.00 | 4104.0 | 41040.0 |
| | | | | | | | | | |
| 81 | Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications.-90 mm dia | | | | | | | | |
| | BCSR Item No 13.70.4, Page No.95 | | | | | | | | |
| | Ground floor | m | 1.00 | 57 | | | 57.00 | 410.4 | 23392.8 |
| | 1st floor | m | 1.00 | 57 | | | 57.00 | 410.4 | 23392.8 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 82 | Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 20mm nominal dia | | | | | | | | | |
| | BCSR Item No 13.24, Page No.93 | | | | | | | | | |
| | Ground floor | Each | 30.00 | | | | 30.00 | 186.8 | 5605.2 | |
| | 1st floor | Each | 30.00 | | | | 30.00 | 186.8 | 5605.2 | |
| 83 | Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 /13.3 20mm nominal dia | | | | | | | | | |
| | BCSR Item No 13.27, Page No.93 | | | | | | | | | |
| | Ground floor | Each | 30.00 | | | | 30.00 | 152.3 | 4568.4 | |
| | 1st floor | Each | 30.00 | | | | 30.00 | 152.3 | 4568.4 | |
| 84 | Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. | | | | | | | | | |
| | BCSR Item No 13.33, Page No.93 | | | | | | | | | |
| | Ground floor | Each | 1.00 | | | | 1.00 | 362.9 | 362.9 | |
| | 1st floor | Each | 1.00 | | | | 1.00 | 362.9 | 362.9 | |
| 85 | Wall Mounted Soap Dispenser- Stainless steel | | | | | | | | | |
| | Market Rate | | | | | | | | | |
| | Ground floor | Each | 5.00 | | | | 5.00 | 956.0 | 4780.0 | |
| | 1st floor | Each | 5.00 | | | | 5.00 | 956.0 | 4780.0 | |
| 86 | Paper Towel Dispenser-holder | | | | | | | | | |
| | Market Rate | | | | | | | | | |
| | Ground floor | Each | 5.00 | | | | 5.00 | 1571.0 | 7855.0 | |
| | 1st floor | Each | 5.00 | | | | 5.00 | 1571.0 | 7855.0 | |
| 87 | Sanitary Napkin Burning Machin | | | | | | | | | |
| | Market Rate | | | | | | | | | |
| | Ground floor | Each | 2.00 | | | | 2.00 | 7100.0 | 14200. | |
| | 1st floor | Each | 2.00 | | | | 2.00 | 7100.0 | 14200. | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 88 | Providing & applying water proofing to concrete surfaces using high quality polymer-modified bituminous compounds (confirming to ASTM Sqm D 5147) reinforced with non woven polyester fabric, weighing 180gml sqm granular finish 4mm thick by torch on application method confirming to the properties indicated below. It shall be provided after priming the surface using bitumen primer at 0.2 ltr Isqm. Detailed specification & Methodology<br>1. Membrane thickness 4mm (+ or - 5%)<br>2. Tensile strength - Longitudinal 790 N15cm Transverse 730 N15cm<br>3. Elongation of Membrane - Longitudinal 65% Transverse 69%<br>4. Tear Resistance - Longitudinal 180 N Transverse 190 N<br>5. Lap joint strength - Longitudinal 750 N15cm Transverse 550 N15cm<br>6. Puncture Resistance - Static 1.4 Dynamic 1.3<br>7. Water absorption - < 0.15%<br>8. Water permeability - Nil<br>9. Chemical resistance - Chloride, sulphate and Nitrate<br>The area to be water proofed shall be free from loose aggregate, dust free and in dry condition. Primer must be applied to the surface and allowed to dry prior to application of membrane. The membrane shall be applied within 6 hours after application of primer. The membrane comes in a roll form shall be unrolled and placed in the correct position where it has to be torched. Each layer must over lap the next layer by min 10cm at the adjacent and 15cm at the ends. The heat application through propane gas torch shall be applied on membrane thus causing melting and subsequent adhesion in the surface. The membrane should be properly placed and torched on in staggered position. and lifts etc., compelte including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc , compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 38.1, Page No 275 | | | | | | | | |
| | | | 1 | 16.40 | 7.00 | | 114.80 | | |
| | | Sqm | | | | | 114.80 | 464.4 | 53313.1 |
| 89 | KSRB 13-11.1: Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diametre for inlet,outlet and over flwo pipes including cost of all materials, labour, transport charges, HOM of euipments and testing complete as per specifications for 1000 Litres Capcity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 13.78, Page No 94 | | | | | | | | |
| | | Nos | | | | | 1.00 | 7374.2 | 7374.2 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 90 | KSRB 10-2: Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1 :3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS | | | | | | | | | |
| | BCSR Item No 10.1, Page No.68 | | | | | | | | | |
| | | Sqm | 1 | 15.40 | 6.00 | | 92.40 | | | |
| | | | | | | | 92.40 | 1056.2 | | 97596.6 |
| | TOTAL OF PART J - WATER SUPPLY & SANITARY WORKS | | | | | | | | | |
| | PART K - DISMANTLING ITEMS | | | | | | | | | 729767.8 |
| 91 | Provision for Dismantling of Existing RCC Structure and removing the debris as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc. | | | | | | | | | |
| | BCSR Item No 18.19, Page No.145 | Cum | | | | | 7.80 | 1684.3 | | 13137.9 |
| 92 | Provision for Dismantling of Existing Brick masonry and removing the debris as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc. | | | | | | | | | |
| | BCSR Item No 18.23, Page No.145 | Cum | | | | | 39.33 | 379.1 | | 14909.2 |
| 93 | Provision for Dismantling of Existing Tiles work and removing the debris as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc. | | | | | | | | | |
| | BCSR Item No 18.23, Page No.145 | Cum | | | | | 1.00 | 379.1 | | 379.1 |
| 94 | Provision for Dismantling of Existing Joinery Work and Stocking. as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc. | | | | | | | | | |
| | BCSR Item No 18.32, Page No.146 | Cum | | | | | 7.90 | 707.4 | | 5588.5 |
| | TOTAL OF PART K - DISMANTLING ITEMS | | | | | | | | | 34014.6 |
| | Hard ware Fittings/ fixtures for doors/ windows @ 10% of total Part 1 | | | | | | | | | 47566.4 |
| | Cost of Electric Works | | | | | | | | | 188021.2 |
| | **G. Laboratory Block Improvements** | | | | | | | | | |
| 95 | KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II) Dismantling Brick I Tile work. A. In lime mortar. MORTH Specification No. 202 KSRRB M200-14.2. -do-Dismantling brick/Tile work B. In cement mortar. | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | PWP & IWTD, South Zone, SR:2018-19 | Cum | | | | | | | |
| | Ground floor masonry | | 4 | 4.6 | 0.2 | 0.8 | 2.944 | | |
| | | | 32 | 1.2 | 0.15 | 0.8 | 4.608 | | |
| | | | 14 | 0.9 | 0.15 | 0.8 | 1.512 | | |
| | First floor masonry | | 6 | 1.8 | 0.15 | 0.8 | 1.296 | | |
| | | | 14 | 0.9 | 0.15 | 0.8 | 1.512 | | |
| | Second floor masonry | | 6 | 1.8 | 0.15 | 0.8 | 1.296 | | |
| | | | 14 | 0.9 | 0.15 | 0.8 | 1.512 | | |
| | | | | | | Total | 14.68 | 379.1 | 5564.9 |
| 96 | Removing cuddappa slab flooring and stacking the material with a lead of 50 meters. including cost of materials, labour, HOM complete as per specifications. | | | | | | | | |
| | PWP & IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | |
| | Ground floor | | 4 | 4.6 | 1.2 | | 22.08 | | |
| | | | 1 | 20 | 0.9 | | 18 | | |
| | First floor | | 1 | 1.8 | 7.6 | | 13.68 | | |
| | | | 1 | 20 | 0.9 | | 18 | | |
| | Second floor | | 2 | 3 | 1.8 | | 10.8 | | |
| | | | 1 | 20 | 0.9 | | 18 | | |
| | | | | | | Total | 100.56 | 52.9 | 5321.6 |
| 97 | Dismantling the tile work in floor and roof laid in cement or surki mortar including stacking the materials with in 50 m lead of tiles thickness 10mm to 25mm. including cost of materials, labour, HOM complete as per specifications | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | |
| | Ground floor tiles | | 1 | 11.3 | 5.3 | | 59.89 | | |
| | First floor tiles | | 1 | 11.3 | 5.3 | | 59.89 | | |
| | Second floor tiles | | 1 | 11.3 | 5.3 | | 59.89 | | |
| | | | 3 | 112 | | 0.12 | 40.32 | | |
| | Stage | | 2 | 2.7 | 1.3 | | 7.02 | | |
| | | | 2 | 8 | 0.1 | | 1.6 | | |
| | Corridor | | 3 | 15 | 1.8 | | 81 | | |
| | | | 3 | 33.6 | 0.12 | | 12.096 | | |
| | | | | | | Total | 321.706 | 52.9 | 17024.7 |
| 98 | KSRB 5-14.1 Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | |
| | Ground floor | | 4 | | 1.8 | 0.8 | 5.76 | | |
| | | | 14 | | 0.9 | 0.8 | 10.08 | | |
| | First floor | | | | | Total | 15.84 | 985.0 | 15601.8 |
| | | | 8 | | 1.2 | 0.8 | 7.68 | | |
| | | | 14 | | 0.9 | 0.8 | 10.08 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Second floor | | | | | | | | | |
| | | | 8 | | | Total | 17.76 | 1020.0 | 18114.5 | |
| | | | 14 | | 1.2 | 0.8 | 7.68 | | | |
| | | | | | 0.9 | 0.8 | 10.08 | | | |
| | | | | | | Total | 17.76 | 1055.0 | 18736.1 | |
| 99 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification | | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | | |
| | | | | | | | 51.36 | | | |
| | | | | | | Total | 51.36 | 84.2 | 4326.6 | |
| 100 | KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming he surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.<br>KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and I or sloping roof as per specifications. | | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | | |
| | | | | | | | 51.36 | | | |
| | | | | | | Total | 51.36 | 127.4 | 6545.3 | |
| 101 | Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification. | | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | | |
| | Ground floor | | 1 | 1.8 | 7.5 | | 13.5 | | | |
| | | | 1 | 20 | 1 | | 20 | | | |
| | | | | | | | 33.5 | 3807.0 | 127534.5 | |
| | First floor | | 4 | 1.2 | 4.5 | | 21.6 | | | |
| | | | 1 | 20 | 1 | | 20 | | | |
| | | | | | | | 41.6 | 3809.0 | 158454.4 | |
| | Second floor | | 4 | 1.2 | 4.5 | | 21.6 | | | |
| | | | 1 | 20 | 1 | | 20 | | | |
| | | | | | | | 41.6 | 3811.0 | 158537.6 | |
| 102 | Providing full nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification | | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ground floor | | | | | | 33.5 | 540.4 | 18104.4 |
| | First floor | | | | | | 41.6 | 542.4 | 22565.1 |
| | Second floor | | | | | | 41.6 | 544.4 | 22648.3 |
| | | | | | | | | | |
| 103 | Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | |
| | Ground floor tiles | | 1 | 11.3 | 5.3 | | 59.89 | | |
| | Skirting | | 1 | 80 | 0.12 | | 9.6 | | |
| | | | | | | | 69.49 | 1228.0 | 85330.9 |
| | First floor tiles | | 1 | 11.3 | 5.3 | | 59.89 | | |
| | Skirting | | 1 | 112 | 0.12 | | 13.44 | | |
| | | | | | | | 73.33 | 1230.0 | 90193.0 |
| | Second floor tiles | | 1 | 11.3 | 5.3 | | 59.89 | | |
| | Skirting | | 1 | 112 | 0.12 | | 13.44 | | |
| | | | | | | | 73.33 | 1232.0 | 90339.6 |
| | | | | | | | | | |
| 104 | Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | |
| | Ground floor tiles | | 1 | 15 | 1.8 | | 27 | | |
| | Skirting | | 1 | 33.6 | 0.12 | | 4.032 | | |
| | | | | | | | 31.032 | 1330.6 | 41289.9 |
| | First floor tiles | | 1 | 15 | 1.8 | | 27 | | |
| | Skirting | | 1 | 33.6 | 0.12 | | 4.032 | | |
| | | | | | | | 31.032 | 1332.6 | 41352.0 |
| | Second floor tiles | | 1 | 15 | 1.8 | | 27 | | |
| | Skirting | | 1 | 33.6 | 0.12 | | 4.032 | | |
| | | | | | | | 31.032 | 1334.6 | 41414.1 |
| 105 | KSRB 11-13: Providing and fixing white glazed fire clay laboratory sink with M.S I C.I brackets, C.P brass chain with rubber plug, 32 mm C.P. brass waste, tap with union, brass stop cock complete, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Unit | | | | | | | |
| | | | 10 | | | | 10 | 4443.1 | 44431.2 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 106 | Providing & fixing Polyethelene-Aiuminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabalized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80°C inCluding all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 meter spacing, cutting & making good the walls etc., including testing complete as required. (Internal work) -1620 (20mm OD) Pipe | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | m | | | | | | | | |
| | | | 4 | 11 | | | 66 | 231.1 | 15253.9 |
| 107 | Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Each | | | | | | | |
| | | | 10 | | | | 10 | 307.8 | 3078.0 |
| | **H. Auditorium** | | | | | | | | |
| 108 | KSRRB M200-12.2.Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.<br>-do- i) Lime /Cement Concrete. I. By Manual Means<br>:8. Cement Concrete Grade M-15 & M-20. | | | | | | | | |
| | Page No.139. Item No.18.18 BCSR 2018-19 | Cum | | | | | | | |
| | Block A Terrace | | 0 | 30 | 0.2 | 0.9 | 0 | | |
| | Block B Terrace | | 0.4 | 60 | 0.2 | 0.9 | 4.32 | | |
| | | | | | | Total | 4.32 | 601.6 | 2598.7 |
| 109 | Dismantling the tile work in floor and roof laid in cement or surki mortar including stacking the materials with in 50 m lead of tiles thickness 10mm to 25mm. including cost of materials, labour, HOM complete as per specifications. | | | | | | | | |
| | Page No.270.<br>Item No.37.49 BCSR:2018-19 | Sqm | | | | | | | |
| | | | 1 | 60 | 8.8 | | 528 | | |
| | | | | | | Total | 528 | 52.9 | 27941.8 |
| 110 | Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications. | | | | | | | | |
| | Page No.269.<br>Item No.37.44 BCSR:2018-19 | Cum | | | | | | | |
| | | | 1 | 60 | 8.8 | 0.10 | 52.8 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Total | 52.8 | 799.2 | 42197.8 |
| 111 | KSRB 6-5.2 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1 :8 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 | | | | | | | | |
| | Page No.30. Item No 6.17 BCSR:2018-19 | Cum | | | | | | | |
| | | | 0 | 30 | 1.2 | 0.23 | 0 | | |
| | | | 0.4 | 60 | 1.2 | 0.23 | 6.624 | | |
| | | | | | | Total | 6.624 | 7431.5 | 49226.1 |
| 112 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. | | | | | | | | |
| | BCSR Item No 15.106, Page No. 111 | Sqm | | | | | | | |
| | | | 2 | 60 | 2.63 | | 315.6 | | |
| | | | | | | Total | 315.6 | 84.2 | 26586.1 |
| 113 | KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and I or sloping roof as per specifications. | | | | | | | | |
| | BCSR Item No 15.49 & 15.49.2, Page No. 119 | | | | | | | | |
| | | Sqm | | | | | | | |
| | | | 2 | 60 | 2.63 | | 315.6 | | |
| | | | | | | Total | 315.6 | 118.8 | 37493.3 |
| 114 | Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification. | | | | | | | | |
| | Item No 14.52 Page No.110 BCSR:2018-19 | Sqm | | | | | | | |
| | | | 1 | | | | | | |
| | | | | | | Total | 1 | 3525.0 | 3525.0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 115 | Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, [illegible] complete as per specification. | | | | | | | | |
| | Page No.43.<br>Item No.7.30 BCSR:2018-19 | Kg | | | | | | | |
| | | | 0 | 30 | 7.5 | 30 | 0 | | |
| | | | 1 | 60 | 9 | 30 | 16200 | | |
| | | | | | | Total | 16200 | 119.9 | 1942056.0 |
| 116 | Providing and fixing 6mm cl.ear I opal white I solar I bronze I blue I | | | | | | | | |
| | Page No. 50.<br>Item No.8.27 BCSR:2018-19 | Sqm | | | | | | | |
| | | | 0 | 30 | 7.85 | | 0 | | |
| | | | 1 | 60 | 9.25 | | 555 | | |
| | | | | | | Total | 555 | 3376.1 | 1873724.4 |
| 117 | Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications. | | | | | | | | |
| | Page No. 90<br>Item No.12.116.4<br>BCSR:2018-19 | m | | | | | | | |
| | | | 0 | 55 | | | 0 | | |
| | | | 1 | 85 | | | 85 | | |
| | | | | | | Total | 85 | 1462.3 | 124297.2 |
| 118 | Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. | | | | | | | | |
| | Item No 14.45.1<br>Page No.109 BCSR:2018-19 | Sqm | | | | | | | |
| | | | 0 | 30 | 7.25 | | 0 | | |
| | | | 0 | 30 | 0.125 | | 0 | | |
| | | | 1 | 60 | 9 | | 540 | | |
| | | | 2 | 60 | 0.125 | | 15 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 15 | 0.4 | | 6 | | |
| | | | | | | Total | 561 | 1228.0 | 688885.6 |
| 119 | KSRB 5-14.1 :Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm | | | | | | | | |
| | Page No.27.<br>Item No.5.27.1 BC SR:2018-19 | Sqm | | | | | | | |
| | | | 0 | 5 | 5 | | 0 | | |
| | | | 2 | 5 | 5 | | 50 | | |
| | | | | | | Total | 50 | 985.0 | 49248.0 |
| 120 | KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31. 75mm bottom section 1.3mm thick, Weight 1. 07kg/m, sides and top sections 1 3 mm, thick, weight 0. 933 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx1Bmm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26. 7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. | | | | | | | | |
| | Item No 7.11.2<br>Page No.35 BCSR:2018-19 | Sqm | | | | | | | |
| | | | 2 | 30 | 3 | | 180 | | |
| | | | 2 | 7 | 3 | | 42 | | |
| | | | 2 | 60 | 3 | | 360 | | |
| | | | 2 | 8.5 | 3 | | 51 | | |
| | | | | | | Total | 633 | 4830.8 | 3057921.7 |
| 121 | KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.<br>Specification No. KBS 7.12 | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Item No 7.9<br>Page No.34 BCSR:2018-19 | Kg | | | | | | | |
| | at 21 Kg / Sqm | | 2 | 60 | 3 | | 7560 | | |
| | | | 2 | 8.5 | 3 | | 1071 | | |
| | | | | | | Total | 8631 | 102.6 | 885540.6 |

## I. Approach Road

Carriageway Improvements :

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 122 | KSRRB 200-8. Cleaning and grubbling road land including uprooting rank vegetatio, grass, brush, shrubs, saplings and trees of girth upto 300mm by manual means in area of light jungle, removal of stumps, disposal of unservicleable materials, stacking of serviceable materilas, labour charges complete as per specifications. | | | | | | | | |
| | PWP &IWTD, South Zone, SR:2018-19 | Sqm | | | | | | | |
| | Approach Road | | 1.00 | 150 | 4.00 | | 600.00 | | |
| | | | | | | Total | 600.00 | 10.6 | 6360.0 |
| 123 | KSSRB 300-45. Sacrifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials by manual means including cost of all labour charges complete as per specifications. | | | | | | | | |
| | | Sqm | | | | | | | |
| | Approach Road | | 1.00 | 150 | 7.00 | | 1050 | | |
| | | | | | | | 1,050 | 84.8 | 100912.0 |
| 124 | KSRRB M300-59.2: Loosening, levelling and compacting original ground supporting embankment to facilitate placement of first layer of emvankment I subgrade, scarified to a depth of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in table 300-2 for embankment I subgrade including HOM construction, Labour etc., | | | | | | | | |
| | | Sqm | | | | | | | |
| | Approach Road | | 1.00 | 150 | 9.00 | | 1,350.00 | | |
| | | | | | | Total | 1,350.00 | 24.4 | 32913.0 |
| 125 | KSRRB M300-14 Excavation for roadwork in al types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, In accordance with requirements of lines, grades and cross sections and transportation with a lead of 1.00 km and complete as per specifications. | | | | | | | | |
| | | Cum | | | | | | | |
| | Approach Road | | 1.00 | 150.00 | 9.00 | 0.30 | 405.00 | | |
| | | | | | | Total | 405.00 | 43.5 | 17601.3 |
| 126 | KSRRB M300-19: Removal of Unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid seperately as per clause 300.5. Complete as per specifications. | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Cum | | | | | 405.00 | | |
| | Approach Road | | 1 | | 405.00 | Total | 405.00 | 35.0 | 14166.9 |
| | | | | | | | | | |
| | | | | | | | | | |
| 127 | Construction of granular sub base Grading V as Sub base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers woith moror grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, Complete as per specifications. | | | | | | | | |
| | | Cum | | | | 0.10 | 135.00 | | |
| | Approach Road | | 1 | 150.00 | 9.00 | Total | 135.00 | 1855.0 | 250425.0 |
| | | | | | | | | | |
| | | | | | | | | | |
| 128 | KSRRB M600-1: Construction of dry lean cement concrete mix CC 1:5.10 with OPC cement @ 160Kgs with 25mm down size graded granite metal coarse aggregate at 0.86 cum and fine aggregates @ 0.58 cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383 ) aggregate cement ratio not to exeed 15:1. Aggregate gradation agter blending to be as per table 600-1, cement content not to be less than 160 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed ina batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Morth specification No. 601 of Morth V Revision and IS 456 Table-5 22.1.1 do eith OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch Mix Plant at 75cum/hr capacity with slip form paver with electronic sensor. | | | | | | | | |
| | | Cum | | | | 0.10 | 135.00 | | |
| | Approach Road | | 1 | 150.00 | 9.00 | Total | 135.00 | 3800.1 | 513013.5 |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 129 | Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregate at 0.69 cum, fine aggregates at 0.46 cum, coarse and fine aggregate conforming to 18:383-2016, with superplastizer at 3 its conforming to IS 9103-2008, mixed in a concrete mixer of nor less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a contionous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant , admixtures as approved, curing cost of all materials, labour, hire charges of machineries all lead & lift charges etc., complete as per specifications. so with OPC at 360 kg/cum and coarse | | | | | | | | |
| | Ground floor- Ceilings | Cum | | | | | | | |
| | Approach Road | | 1 | 150.00 | 9.00 | 0.20 | 270.00 | | |
| | | | | | | Total | 270.00 | 5211.0 | 1406959.2 |
| 130 | KSRB 15-19.1: Providing and applying ready mix priming coat over concrete I masonry I asbestos cement sheet I Plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour . complete as per specifications | | | | | | | | |
| | | Sqm | | | | | | | |
| | Centre Line | | | | | | | | |
| | Approach Road | | 1 | 56.67 | 0.10 | | 1.89 | | |
| | Edge Line | | | | | | | | |
| | Approach Road | | 2 | 170.00 | 0.15 | | 51.00 | | |
| | | | | | | Total | 52.89 | 39.2 | 2074.3 |
| 131 | KSRB 15-19.2: Providing and applying spray paintaing ( excluding priming coat) over concrete I masonry I asbestos cement sheet I plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of al dirt, dust and other foreign matter and sand papering including cost of materials, labour. complete as per specifications. | | | | | | | | |
| | | Sqm | | | | | | | |
| | Centre Line | | | | | | | | |
| | Approach Road | | 1 | 50.00 | 0.10 | | 1.67 | | |
| | Edge Line | | | | | | | | |
| | Approach Road | | 2 | 150.00 | 0.15 | | 45.00 | | |
| | | | | | | Total | 46.67 | 330.0 | 15400.0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 132 | Supply and fixing of Retro Reflective single arrow road Name Signboard of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI std of ASTM D 4659-09 & as per IRC 67-2012 forfull-back ground of blue colour & white letters and fixed over 4mm thick aluminium composite material sheet having min 0.5mm thick aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm X 20mm X 1.2mnm, supported by 38mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm X 450mm x 600mm in 1:1.5:3 ratio cement cocrete. The background shall be blue in colour with letters and border in white, the item incudes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacture & a cerrified copy of test reports from an independent test laboratory condorming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for theretro reflective sheeting offered shall be submitted by the conctractor for technical qualification in | | | | | | | | |
| | 0 | Sqm | | | | | 2.88 | | |
| | Approach Road | | 2 | 1.60 | 0.90 | | | | |
| | | | | | | Total | 2.88 | 14094.8 | 40593.1 |
| 133 | KSRRB M100-1: Loading and Unloading of Stone Boulder I Stone aggregates I Sand / Kanker J Moorum. KSRRB M100-1 : Placing tipper at loading with front end loader, dumping, turning trip, excluding time for haulage and return trip complete as per specifications. | | | | | | | | |
| | | Cum | | | | | | | |
| | For Road Excavation | | | | | | 405.00 | | |
| | | | | | | Total | 405.00 | 60.4 | 24470.1 |
| 134 | KSRRB M100-4.1: Cost of Haulage Excluding loading and unloading Morth -100/ Chapter 1 Case -1: Surface Road | | | | | | | | |
| | 0 | t.km | | | | | | | |
| | For Road Excavation | | | | | | 6,220.80 | | |
| | | | | | | Total | 6,220.80 | 2.1 | 13188.1 |
| 135 | KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3 | | | | | | | | |
| | BCSR Item No. 19.1 Page No 143 | Cum | | | | | | | |
| | For kerb Laying | | 1.00 | 220.00 | 0.20 | 0.30 | 13.20 | | |
| | | | | | | Total | 13.20 | 137.8 | 1819.0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 136 | KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications.<br>MORTH Specification No. 408 | | | | | | | | |
| | BCSR Item No. 19.1 Page No 143 | Cum | | | | | | | |
| | Below Kerb Stone | | 1 | 220.00 | 0.20 | 0.10 | 4.40 | | |
| | | | | | | Total | 4.40 | 4479.6 | 19710.1 |
| 137 | Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. | | | | | | | | |
| | BCSR Item No. 19.1 Page No 143 | No | | | | | | | |
| | Approach Road | | 1 | 220.00 | | | 488.89 | | |
| | | | | | | Total | 488.89 | 432.5 | 211434.7 |
| 138 | KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 | | | | | | | | |
| | BCSR Item No. 19.1 Page No 143 | Sqm | | | | | | | |
| | | | 1.00 | 220.00 | | 0.27 | 59.40 | | |
| | | | | | | | 59.40 | 84.8 | 5037.1 |
| | Drain Improvements | | | | | | | | |
| 139 | KSRRB 300-1: Earthwork excavation by manual means for roads, drains and similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be MORTH I Chapter 3 | | | | | | | | |
| | BCSR Item No. 19.1 Page No 143 | Cum | | | | | | | |
| | Drain Work | | | | | | | | |
| | Approach Road | | 1 | 75.00 | 0.85 | 0.80 | 51.00 | | |
| | | | | | | Total | 51.00 | 137.8 | 7027.8 |
| 140 | KSRRB M2900-1: Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour , HOM complete as per specification. | | | | | | | | |
| | 0 | Cum | | | | | | | |
| | 0 | | | | | 0.10 | 6.38 | | |
| | Approach Road | | 1 | 75.00 | 0.85 | Total | 6.38 | 4479.6 | 28557.2 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 141 | KSRRB M2200-6 : Providing TMT steel reinforcement for RCC work including staightening, cuttig, bending, hooking, placing in position, lapping and /or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of MORTH specification | | | | | | | | |
| | 0 | Tonns | | | | | | | |
| | Drain Work | | | Concrete in Cum | | | | | |
| | | | | 15.38 | @60 Kg/Cum | | 0.92 | | |
| | Approach Road | | | | | Total | 0.92 | 72327.0 | 66540.8 |
| 142 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for wals and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification NO 1500, 1700,2200 including cost of materials, labour, HOM complete as per specifications. | | | | | | | | |
| | 0 | Cum | | | | | | | |
| | Drain Bottom Slab | | 1 | 75.00 | 0.85 | 0.10 | 6.38 | | |
| | Approach Road | | | | | | | | |
| | Drain Walls | | 2 | 75.00 | 0.10 | 0.60 | 9.00 | | |
| | Approach Road | | | | | Total | 15.38 | 7070.2 | 108704.3 |
| 143 | Providing and laying precast drain cover slabs of 100mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surface on both side etc , complete as per drawing and engineer in charge Data rate enclosed | | | | | | | | |
| | Corridor ceiling painting | Sqm | | | | | | | |
| | Approach Road | | 1 | 75 | 0 85 | | 63.75 | | |
| | | | | | | Total | 63.75 | 2337.0 | 148983.8 |
| | **J. Government High school Toilet** | | | | | | | | |
| | PART A - EARTHWORK | | | | | | | | |
| 144 | Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. | | | | | | | | |
| | BCSR Item No 2.1 Page No 6 | | | | | | | | |
| | F1 | | 10 | 1.70 | 1.70 | 1.70 | 49.13 | | |
| | SSM | | 2 | 13.66 | 0.65 | 0.45 | 7.99 | | |
| | | | 3 | 3.59 | 0.65 | 0.45 | 3.15 | | |
| | In ordinary soil | Cum | | | | | 60.27 | 268.9 | 16207.4 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 145 | Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. | | | | | | | | | |
| | BCSR Item No 2.10, Page No 7 | | | | | | | | | |
| | Quantity from Excavation | | | | | | | | | |
| | F1 | | 10 | 1.70 | 1.70 | 0.10 | 60.27 | | | |
| | | | 10 | 1.50 | 1.50 | 0.60 | -2.89 | | | |
| | Coloumns Upto Plinth | | 10 | 0.20 | 0.45 | 1.00 | -13.50 | | | |
| | SSM | | 2 | 13.7 | 0.45 | 0.45 | -0.90 | | | |
| | | | 3 | 3.6 | 0.45 | 0.45 | -5.53 | | | |
| | total filling | | | | | | -2.18 | | | |
| | Available earth | Cum | | | | | 35.27 | | | |
| | | | | | | | 35.27 | 217.1 | 7655.8 | |
| 146 | Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured ) | | | | | | | | | |
| | BCSR Item No 3.2, Page No. 10 | Sqm | | | | | | | | |
| | | | 1 | 5.00 | 15.00 | | 75.00 | | | |
| | | Sqm. | | | | | 75.00 | 114.5 | 8586.0 | |
| | TOTAL OF PART A - EARTHWORK | | | | | | | | 32449.2 | |
| | PART B - PLAIN CEMENT CONCRETE | | | | | | | | | |
| | Note: The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | | |
| 47 | Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. | | | | | | | | | |
| | BCSR Item No 4.6, Page No 13 | | | | | | | | | |
| | For Foundations Bed Concrete | | | | | | | | | |
| | F1 | | 10 | 1.70 | 1.70 | 0.10 | 2.89 | | | |
| | Plinth | | | | | | | | | |
| | | | 2 | 13.66 | 0.45 | 0.10 | 1.23 | | | |
| | | | 3 | 3.59 | 0.45 | 0.10 | 0.48 | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Deductions | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.20 | 0.10 | -0.04 | | |
| | | | | | | | 4.56 | 5855.8 | 26723.3 |
| | BCSR Item No 4.7, Page No 13 | | | | | | | | |
| | For Below Floors | | | | | | | | |
| | Ground floor | | 1 | 13.66 | 3.59 | 0.1 | 4.90 | | |
| | Deductions | | | | | | | | |
| | Plinth inside | | 2 | 13.66 | 0.45 | 0.10 | -1.23 | | |
| | | | 3 | 3.59 | 0.45 | 0.10 | -0.48 | | |
| | For Flagging | | 1 | 35.29 | 1.50 | 0.10 | 5.29 | | |
| | | | | | | | 8.48 | 5733.7 | 48633.7 |
| | | Cum. | | | | | | | |
| 148 | Providing 20mm thick cement plaster (cement mortar 1:4) in single coat with cement mortar, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing completeas per specifications | | | | | | | | |
| | BCSR Item No. 15.19/ 15.32, Page No.116/ 117 | | | | | | | | |
| | | Sqm. | 1 | 35.29 | 1.5 | | 52.94 | 313.2 | 16579.2 |
| | TOTAL OF PART B - PLAIN CEMENT CONCRETE | | | | | | | | 91936.3 |
| | PART C - REINFORCED CEMENT CONCRETE | | | | | | | | |
| | Note : The lift charges will be applicable from finished level of one floor | | | | | | | | |
| 149 | Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm anddown size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with super plasticisers @31lls confirming to 189103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. | | | | | | | | |
| 1.01 | For Raft slab, Column Footings, Main and Secondary Beams, with RCC 1:1.5:3 mix concrete. | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | F1 | | | | | | | | |
| | | | 10 | 1.50 | 1.50 | 0.60 | 13.50 | | |
| | | Cum. | | | | | 13.50 | 6528.6 | 88136.1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.02 | For Columns, with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Columns up to plinth | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.45 | 1.00 | 0.90 | | |
| | | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Coloumns | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.45 | 3.00 | 2.70 | | |
| | | | | | | | | | |
| | | Cum. | | | | | 3.60 | 6528.6 | 23503.2 |
| | | | | | | | | | |
| 1.03 | a) Plinth Beams | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | | | 2 | 13.66 | 0.20 | 0.45 | 2.46 | | |
| | | | 3 | 3.59 | 0.20 | 0.45 | 0.97 | | |
| | Deductions | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.20 | 0.45 | -0.18 | | |
| | | | | | | | | | |
| | | Cum | | | | | 3.25 | 6528.6 | 21199.7 |
| | b) Floor / Roof Beams | | | | | | | | |
| | Ground Floor | | 2 | 13.66 | 0.20 | 0.60 | 3.28 | | |
| | | | 3 | 3.59 | 0.20 | 0.60 | 1.29 | | |
| | For Ramps | | 2 | 1.31 | | 1.20 | 3.13 | | |
| | Deductions | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.20 | 0.45 | -0.18 | | |
| | | Cum | | | | | 7.52 | 6528.6 | 49105.5 |
| | | | | | | | | | |
| 1.04 | Floor/ Roof Slabs and Canopies of all spans, with RCC 1:1:2 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Ground Floor | | 1 | 14.26 | 4.59 | 0.15 | 9.81 | | |
| | Canopy for Entrance door | | 1 | 2.83 | 1.20 | 0.15 | 0.51 | | |
| | | Cum | | | | | 10.32 | 6528.6 | 67401.1 |
| | | | | | | | | | |
| 1.06 | For Lintels with RCC 1:1.5:3 mix concrete | | | | | | | | |
| | BCSR Item No 4.12, Page No.14 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Entrace Door | | 2 | 1.80 | 0.20 | 0.10 | 0.07 | | |
| | D1 | | 10 | 1.35 | 0.115 | 0.10 | 0.16 | | |
| | D2 | | 2 | 1.60 | 0.115 | 0.10 | 0.04 | | |
| | Ventilators | | 21 | 0.00 | 0.115 | 0.10 | 0.00 | | |
| | Window | | 2 | 1.20 | 0.20 | 0.10 | 0.05 | | |
| | | Cum | | | | | 0.31 | 6528.6 | 2037.2 |
| | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 150 | Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391 cum, with super plasticisers @0.2251ts, machine mixed, well compacted for plain chajja of 8.5 ems. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, cur.ing, complete but excluding cost of reinforcement as per specifications. | | | | | | | | | |
| 2.01 | Plain Chajja (including providing and fixing 40mm dia. | | | | | | | | | |
| | BCSR Item No 4.20, Page No .15 | | | | | | | | | |
| | Ground Floor | | | | | | | 2.52 | | |
| | Ventilators | | 21 | 0.20 | 0.60 | | | 1.68 | | |
| | Window | | 2 | 1.40 | 0.60 | | | 4.20 | 535.7 | 2249.9 |
| | | Sqm. | | | | | | | | |
| 151 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials,labour complete as per specifications. | | | | | | | | | |
| | BCSR Item No 4.28, Page No .16 | | | | | | | | | |
| | F1 | | 10 | 6.00 | | 0.60 | | 36.00 | | |
| | Coloumns upto plinth | | 10 | 1.30 | | 1.00 | | 13.00 | | |
| | | Sqm | | | | | | 49.00 | 278.6 | 13653.4 |
| 152 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, postand struts, square l rectangular/ polygon in plan including cost of all materials, labour complete as per specifications | | | | | | | | | |
| | refer BCSR item 4.32, Page No .16 | | | | | | | | | |
| | Ground floor | | | | | | | | | |
| | Coloumns | | 10 | 1.30 | | 3.00 | | 39.00 | | |
| | 1st floor | | 10 | 1 | | 3 | | 0.00 | | |
| | | Sqm | | | | | | 39.00 | 492.5 | 19206.7 |
| 153 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour completeas per specifications. | | | | | | | | | |
| | BCSR Item No 4.34, Page No.17 | | | | | | | | | |
| 5.01 | For Plinth Beams | | | | | | | | | |
| | | | 2 | 13.7 | 0.90 | | | 24.58 | | |
| | | | 3 | 3.6 | 0.90 | | | 9.69 | | |
| | Deductions | | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.90 | | | -1.80 | | |
| | | Sqm | | | | | | 32.47 | 315.4 | 10240.4 |

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|---|---|---|---|---|---|---|---|---|---|
| 5.02 | For Floor or Roof Beams | | | | | | | | |
| | BCSR Item No 4.34, Page No.17 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | | | 2 | 13.66 | 1.4 | | 38.23 | | |
| | | | 3 | 3.59 | 1.4 | | 15.08 | | |
| | | | 1 | 2.83 | 1.2 | | 3.40 | | |
| | For Ramps | | 2 | 1.305 | 0.5 | | 1.17 | | |
| | Deductions | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.9 | | -1.80 | | |
| | | Sqm | | | | | 56.08 | 315.4 | 17686.2 |
| 5.03 | For Lintels | | | | | | | | |
| | BCSR Item No 4.35, Page No.17 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Entrace Door | | | | | | | | |
| | D1 | | 2 | 1.80 | 0.40 | | 1.44 | | |
| | D2 | | 10 | 1.35 | 0.315 | | 4.25 | | |
| | Ventilators | | 2 | 1.60 | 0.315 | | 1.01 | | |
| | Window | | 21 | 0.00 | 0.315 | | 0.00 | | |
| | | | 2 | 1.20 | 0.4 | | 0.96 | | |
| | | Sqm | | | | | 7.66 | 435.2 | 3334.2 |
| 154 | Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. | | | | | | | | |
| | BCSR Item 4.30, Page No.16 | | | | | | | | |
| | | | 1 | 14.56 | 4.89 | | 71.17 | | |
| | Deductions | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.20 | | -0.40 | | |
| | | Sqm | | | | | 70.77 | 475.2 | 33631.8 |
| | For Chajjas | | | | | | | | |
| | BCSR Item 4.37, Page No.17 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Ventilators | | 21 | 0.20 | 0.60 | | 2.52 | | |
| | Window | | 2 | 1.40 | 0.60 | | 1.68 | | |
| | | | | | | | | | 1465.1 |
| | | Sqm. | | | | | 4.20 | 348.8 | |
| | | | | | | | | | 35285.0 |
| | TOTAL OF PART C - REINFORCED CEMENT CONCRETE | | | | | | | | |
| | | | | | | | | | |
| | PART D - STEEL REINFORCEMENT | | | | | | | | |
| | Note:The lift charges will be applicable from finished level of one floor to | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 155 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and l or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. and Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 4.46 & 4.47, Page No.18 | | | | | | | | |
| | Ground floor | | | | | | 0.68 | 77451.1 | 52279.5 |
| | Footings and pedestals | Tonne | | | | | 0.54 | 77451.1 | 41823.6 |
| | Coloumns | Tonne | | | | | 0.39 | 77451.1 | 30179.9 |
| | Plinth Beams | Tonne | | | | | 0.90 | 77451.1 | 69906.8 |
| | Roof Beams | Tonne | | | | | 1.28 | 77451.1 | 98852.6 |
| | Roof Slab, Staircase and others | Tonne | | | | | 3.79 | | |
| | TOTAL OF PART D - STEEL REINFORCEMENT | | | | | | | | 293042.4 |
| | PART E - MASONRY | | | | | | | | |
| | Note: The lift charges will be applicable from finished level of one floor to | | | | | | | | |
| 156 | Providing and constructing granite I trap I basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications 1:6 Cement mortar | | | | | | | | |
| | BCSR Item No 5.6, Page No 25 | | | | | | | | |
| | Ground Floor | | 2 | 13.66 | 0.45 | 0.60 | 7.37 | | |
| | | | 3 | 3.59 | 0.45 | 0.60 | 2.91 | | |
| | Deductions | | | | | | | | |
| | C1 | | 10 | 0.20 | 0.45 | 0.60 | -0.54 | | |
| | | Cum | | | | | 9.74 | 4963.7 | 48354.2 |
| 157 | Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hirecharges of machineries etc , complete as per specifications. KBS No.5.4 | | | | | | | | |
| | BCSR Item No 5.27.1, Page No.27 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Outer wall | | | | | | | | |
| | | | 2 | 13.66 | | 2.40 | 65.54 | | |
| | | | 2 | 3.59 | | 2.40 | 17.23 | | |
| | Deductions | | | | | | | | |
| | Entrace Door | | 2 | 1.20 | | 2.10 | -5.04 | | |
| | Ventilators | | 21 | 0.6 | | 0.3 | -3.78 | | |
| | Window | | 2 | 0.6 | | 0.6 | -0.72 | | |
| | Lintels | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Entrace Door | | 2 | 1.80 | | 0.10 | -0.36 | | | |
| | Ventilators | | 21 | 0.00 | | 0.10 | 0.00 | | | |
| | Window | | 2 | 1.20 | | 0.10 | -0.24 | | | |
| | | Sqm | | | | | 72.64 | 985.0 | | 71543.0 |
| 158 | Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., | | | | | | | | | |
| | BCSR Item No 5.28, Page No .27 | | | | | | | | | |
| | Ground Floor | | | | | | | | | |
| | D1 | | 10 | 2.10 | | 2.40 | 50.40 | | | |
| | D2 | | 2 | 1.53 | | 2.40 | 7.35 | | | |
| | Deductions | | | | | | | | | |
| | D1 | | 10 | 0.75 | | 2.1 | -15.75 | | | |
| | D2 | | 2 | 1.00 | | 2.1 | -4.20 | | | |
| | Lintels | | | | | | | | | |
| | D1 | | 10 | 1.35 | | 0.10 | -1.35 | | | |
| | D2 | | 2 | 1.60 | | 0.10 | -0.32 | | | |
| | | Sqm | | | | | 36.13 | 875.9 | | 31648.7 |
| | TOTAL OF PART E - MASONRY | | | | | | | | | 151546.4 |
| | PART F - PLASTERING | | | | | | | | | |
| | Notes: The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | | |
| 159 | KSRB 15-3.14/15-7: Providing 12mm thick plain plastering in single coat to internal ceiling & RC surfaces in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | | |
| | BCSR Item No 15.22 & 15.33, Page No.113 & | | | | | | | | | |
| | Ground Floor | | | | | | | | | |
| | Coloumns | | | | | | | | | |
| | C1 | | 4 | 0.25 | 2.40 | | 2.40 | | | |
| | | | 6 | 0.45 | 2.40 | | 6.48 | | | |
| | Beams | | | | | | | | | |
| | | | 2 | 13.66 | 0.60 | | 16.39 | | | |
| | | | 2 | 3.59 | 0.60 | | 4.31 | | | |
| | | | 2 | 3.59 | 1.20 | | 8.62 | | | |
| | | Sqm | | | | | 40.10 | 277.6 | | 11130.0 |
| | Ceiling portion | | 1 | 14.26 | 4.59 | | 65.43 | | | |
| | Deductions | | | | | | | | | |
| | Beams | | 2 | 13.21 | 0.20 | | -5.28 | | | |
| | | | 2 | 3.59 | 0.20 | | -1.44 | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | | Sqm | | | | | 58.71 | 277.6 | 16296.2 |
| 160 | KSRB 15-3.5/15-7: Providing 15mm thick plain plastering in single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary scaffolding, rounding of corners wherever required, smooth rendering with lime, curing etc.including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.13 & 15.33, Page No.115 & | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Outer wall | | 2 | 13.66 | | 2.40 | 65.54 | | |
| | | | 2 | 3.59 | | 2.40 | 17.23 | | |
| | Inner walls | | | | | | | | |
| | | | 10 | 4.20 | | 2.40 | 100.80 | | |
| | | | 2 | 3.06 | | 2.40 | 14.71 | | |
| | Deductions | | | | | | | | |
| | D1 | | 10 | 0.75 | | 2.10 | -23.63 | | |
| | D2 | | 2 | 1.00 | | 2.10 | -6.30 | | |
| | Ventilators | | 21 | 0.60 | | 0.30 | -1.89 | | |
| | Window | | 2 | 0 60 | | 0.60 | -0.36 | | |
| | | Sqm | | | | | 171.09 | 273.2 | 46749.0 |
| 161 | KSRB 15-3.5/15-4.7: Providing 15mm thick plain plastering in single coat to external masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & mixing water proofing compound of approved quality and make as admixture to cement mortar as per manufacturer's specifications, providing & removing necessary scaffolding, rounding of corners wherever required, sponge finishing, curing etc. including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 15.13 & 15.33, Page No.115 & | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Outer wall | | 2 | 13.66 | | 2.40 | 65.54 | | |
| | | | 2 | 3.59 | | 2.40 | 17.23 | | |
| | Deductions | | | | | | | | |
| | Entrace Door | | 2 | 1.20 | | 2.10 | -5.04 | | |
| | D1 | | 10 | 0.75 | | 2.10 | -15.75 | | |
| | D2 | | 2 | 1.00 | | 2.10 | -4.20 | | |
| | Ventilators | | 21 | 0.60 | | 0.30 | -3.78 | | |
| | Window | | 2 | 0.60 | | 0.60 | -0.72 | | |
| | | Sqm | | | | | 54.35 | 273.2 | 14851.1 |
| 162 | KSRB15-5 :Providing rough cement-plastering15mm thick in single coat with cement mortar to brick masonry for base of dadoolng works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.31, Page No.117 | | | | | | | | |
| | Ground Floor | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | D1 | | 10.0 | 4.2 | 2.1 | | 88.20 | | |
| | Window | | 2.0 | 7.8 | 2.1 | | 32.89 | | |
| | Boys Toilet | | 1.0 | 4.4 | 1.5 | | 6.65 | | |
| | 1st floor | | 1.0 | 15.3 | 1.5 | | 22.94 | | |
| | 1st floor | Sqm | | | | | 150.67 | 207.4 | 31242.3 |
| | TOTAL OF PART F - PLASTERING | Sqm | | | | | 150.67 | 317.5 | 47828.5 |
| | PART G - PAINTING | | | | | | | | 16810.7 |
| | Notes:The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |
| 163 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.. with primer Internal Masonry wall surfaces | | | | | | | | |
| | BCSR Item No 15.49.1 & 15.49.2, Page | | | | | | | | |
| 1.01 | Internal Ceiling | | | | | | | | |
| | Ground floor | | | | | | | | |
| | | Sqm. | | | | | 40.10 | 127.4 | 5110.3 |
| | | | | | | | 58.71 | 136.1 | 7989.6 |
| 1.02 | Internal Masonry wall surfaces | | | | | | | | |
| | Ground floor | Sqm. | | | | | 171.09 | 127.4 | 21803.9 |
| 164 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. | | | | | | | | |
| | BCSR Item No 15.53.2, Page No.120 | | | | | | | | |
| | Ground floor | Sqm. | | | | | 54.35 | 110.2 | 5987.4 |
| 165 | Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | BCSR Item No 15.73 & 15.74, Page No.123 | | | | | | 4.50 | 146.9 | 661.0 |
| | Ground floor | Sqm. | | | | | | | 41552.1 |
| | TOTAL OF PART G - PAINTING | | | | | | | | |
| | PART H - FLOORING | | | | | | | | |
| | Notes: The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |
| 166 | Providing and fixing Vitrified glazed tiles of approved make, quality . & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals,mortar, labour, etc., Complete as per specification. | | | | | | | | |
| | Refer BCSR item 14.45, Page No.108 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | Toilets | | | | | | | | |
| | D1 | | 10 | 0.9 | 1.2 | | 10.80 | | |
| | D2 | | 2 | 1.92 | 2.00 | | 7.66 | | |
| | Open space | | | | | | | | |
| | Boys Toilet | | 1 | 5.00 | 2.22 | | 11.08 | | |
| | | | 1 | 2.03 | 1.60 | | 3.25 | | |
| | Girls Toilet | | 1 | 4.06 | 0.90 | | 3.65 | | |
| | | | 1 | 6.00 | 1.65 | | 9.87 | | |
| | At Entrance Doors | | 1 | 2.83 | 1.20 | | 3.40 | | |
| | For Ramps | | 2 | 5.83 | 1.20 | | 13.99 | | |
| | | Sqm | | | | | 63.70 | 1054.1 | 67139.6 |
| 167 | Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, completeas per specifications. | | | | | | | | |
| | BCSR Item No 14.41.1, Page No 108 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | Toilets | | 10 | 4 | 2.1 | | 88.20 | | |
| | | | 2 | 7.83 | 2.1 | | 32.89 | | |
| | Open space | | | | | | | | |
| | Boys Toilet | | 1 | 4.4 | 1.5 | | 6.65 | | |
| | Girls Toilet | | 1 | 15.3 | 1.5 | | 22.94 | | |
| | | Sqm | | | | | 150.67 | 1372.7 | 206816.2 |
| | TOTAL OF PART H - FLOORING | | | | | | | | 273955.8 |
| | PART I - JOINERY | | | | | | | | |
| | Notes: | | | | | | | | |
| | a) All the steel surfaces shall be thoroughly cleaned free of rust and | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | b) The lift charges will be applicable from finished level of one floor to finished level of next floor. | | | | | | | | |
| | | | | | | | | | |
| 168 | Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications | | | | | | | | |
| | item 9.13, Page No no.55 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | Entrance Door | | 1 | 6.6 | 0.15 | 0.1 | 0.10 | | |
| | D1 | | 10 | 5.7 | 0.15 | 0.1 | 0.00 | | |
| | D2 | | 2 | 6.20 | 0.15 | 0.10 | 0.00 | | |
| | | Cum | | | | | 0.10 | 65391.8 | 6473.8 |
| | | | | | | | | | |
| 169 | Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. | | | | | | | | |
| | item 9.92, Page No no.62 | | | | | | | | |
| | Ground Floor | | | | | | | | |
| | D1 | | 10 | 4.95 | | | 49.50 | | |
| | D2 | | 2 | 5.20 | | | 10.40 | | |
| | | m | | | | | 59.90 | 388.8 | 23289.1 |
| 170 | Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges.complete as per specifications. | | | | | | | | |
| | BCSR Item No 9.80, Page No.60 | | | | | | 12.00 | 1475.3 | 17703.4 |
| | Ground Floor | Nos. | 12 | | | | 0.00 | 1479.6 | 0.0 |
| | 1st floor | Nos. | 12 | | | | | | |
| | | | | | | | | | |
| 171 | Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 1 OOmm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 | | | | | | | | |
| | BCSR Item No 9.45, Page No.56 | | | | | | 2.52 | | |
| | Ground Floor(EntranceDoor) | | 1 | 1.20 | 2.10 | | 2.52 | 4692.6 | 11825.4 |
| | | Sqm | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 172 | Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, weldedfsealed to the styles and rails along with 5mm PVC, heeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity | | | | | | | | | |
| | Refer BCSR item 9.91, Page No. 62 | | | | | | | | | |
| | Ground Floor | | | | | | | | | |
| | D1 | | 10 | 0.75 | 2.1 | | 15.75 | | | |
| | D2 | | 2 | 1.00 | 2.1 | | 4.20 | | | |
| | | Sqm | | | | | 19.95 | 2592.0 | 51710.4 | |
| 173 | KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 ems. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM complete as per specifications. | | | | | | | | | |
| | BCSR Item No 7.8Page No. 34 | | | | | | | | | |
| | Ground floor | | | | | | | | | |
| | Ventilators | | 21 | 0.60 | | 0.30 | 3.78 | | | |
| | Window | | 2 | 0.60 | | 0.60 | 0.72 | | | |
| | | Sqm | | | | | 4.50 | 3594.2 | 16174.1 | |
| 174 | Providing and fixing MS grill work for windows and ventilators weighing 21 kgs./ sqm. using MS flats or MS square bars or combination of MS flats and square bars as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat red lead primer & two coats synthetic enamel paint, cost of materials, fixtures, labour and HOM of machinery complete as per technical specification and as directed by the Engineer-in-Charge of work.with all lead & lift, loading & unloading and all other incidental charges etc. | | | | | | | | | |
| | BCSR Item No 7.9, Page No. 34 | | | | | | | | | |
| | Ground floor | | | | | | | | | |
| | TOTAL OF PART I - JOINERY | Kgs. | | | | | 94.50 | 102.6 | 9695.7 | |
| | | | | | | | | | 136871.8 | |
| | PART J - WATER SUPPLY & SANITARY WORKS | | | | | | | | | |
| | Notes: The lift charges will be applicable from finished level of one floor to finished | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 175 | Providing and fixing white vitreous china clay, water closet European type (Pedestal type, S-trap) with black solid plasticseat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed Ivitreous china clay low level, flushing cistern (all are approved make) with fittings, C. I I M.S brackets, 40mm diameter flush bend with fittings | | | | | | | | | |
| | BCSR Item No 12.6, Page No.79 | | | | | | | | | |
| | Ground floor | Pan | 2 | | | | | 2.00 | 5191.6 | |
| | 1st floor | Pan | | | | | | 0.00 | 5191.6 | 10383.2 |
| | | | | | | | | | | 0.0 |
| 176 | Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. | | | | | | | | | |
| | BCSR Item No 12.3, Page No.76 | | | | | | | | | |
| | Ground floor | | 10 | | | | | 10.00 | 1437.5 | |
| | 1st floor | | | | | | | 0.00 | 1437.5 | 14374.8 |
| | | | | | | | | | | 0.0 |
| 177 | Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I I M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. | | | | | | | | | |
| | BCSR Item No 12.23, Page No.82 | | | | | | | | | |
| | Ground floor | unit | 6 | | | | | 6.00 | 4327.6 | 25965.6 |
| | | | | | | | | | | |
| 178 | Providing and fixing 1500x450mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications | | | | | | | | | |
| | BCSR Item No 12.43, Page No.85 | | | | | | | | | |
| | Ground floor | unit | 4 | | | | | 4.00 | 1599.5 | 6397.9 |
| | | | | | | | | | | |
| 179 | Providing & fixing Polyethelene-Aiuminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS 15450 duly "ISI" marked, U.V. stabalized with Carbon black for hot & cold water supply, capable to withstand temperature upto 80°C inCluding all special composite fittings (engineering plastic blend and brass inserts wherever required.) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 meter spacing, cutting & making good the walls etc., including testing complete as required. (Internal work) -1620 (20mm OD) Pipe | | | | | | | | | |
| | BCSR Item No 13.82.2, Page No.97 | | | | | | | | | 15716.2 |
| | Ground floor | m | | 68 | | | | 68.00 | 231.1 | |
| 180 | Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | BCSR Item No 12.113.2, Page No.90 | | | | | | 17.00 | 307.8 | 5232.6 |
| | Ground floor | Each | 17 | | | | | | |
| 181 | Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil. | | | | | | | | |
| | BCSR Item No 2.3, Page No.6 | | | | | | | | |
| | Ground floor | | | | | | | | |
| | For Pipe Lines | cum | 1 | 35.29 | 0.5 | 0.5 | 8.82 | 322.9 | 2849.0 |
| | for Inspection Chambers | cum | 12 | 1.11 | 1.11 | 0.75 | 11.09 | 322.9 | 3580.8 |
| 182 | Providing and fixing sand cast iron soil waste and vent pipes with spun yarn soaked in cement slurry and cement mortar 1 :2 including cost of materials, labour, testing complete as per specifications. | | | | | | | | |
| | BCSR Item No 12.47, Page No.85 | | | | | | | | |
| | Ground floor | mtr | 1 | 35.29 | | | 35.29 | 719.3 | 25383.4 |
| 183 | Constructing brick masonry Inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1.5, C.I cover withframe (light duty) internal dimensions total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1 :3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications - 450x300mm and 450mm depth ( clear inside dimension ) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1.5, C.I cover withframe (light duty) 450x300mm | | | | | | | | |
| | BCSR Item No 11.50.4, Page No 76 | | | | | | | | |
| | Ground floor | Nos | 12.00 | | | | 12.00 | 4104.0 | 49248.0 |
| 184 | Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications.-90 mm dia | | | | | | | | |
| | BCSR Item No 13.70.4, Page No.95 | | | | | | | | |
| | Ground floor | m | 1.00 | 48.945 | | | 48.95 | 410.4 | 20087.0 |
| | 1st floor | m | 1.00 | 57 | | | 0.00 | 410.4 | 0.0 |

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|---|---|---|---|---|---|---|---|---|---|
| 185 | Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2/13.3 20mm nominal dia | | | | | | | | |
| | BCSR Item No 13.24, Page No.93 | | | | | | | | |
| | Ground floor | Each | 18.00 | | | | 18.00 | 186.8 | |
| | 1st floor | Each | 18.00 | | | | 0.00 | 186.8 | 3363.0 |
| | | | | | | | | | 0.0 |
| 186 | Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 /13.3 20mm nominal dia | | | | | | | | |
| | BCSR Item No 13.27, Page No.93 | | | | | | | | |
| | Ground floor | Each | 18.00 | | | | 18.00 | 152.3 | 2741.0 |
| | 1st floor | Each | 18.00 | | | | 0.00 | 152.3 | 0.0 |
| | | | | | | | | | |
| 187 | Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. | | | | | | | | |
| | BCSR Item No 13.33, Page No.93 | | | | | | | | |
| | Ground floor | Each | 1.00 | | | | 1.00 | 362.9 | 362.9 |
| | 1st floor | Each | 1.00 | | | | 0.00 | 362.9 | 0.0 |
| | | | | | | | | | |
| 188 | Wall Mounted Soap Dispenser- Stainless steel | | | | | | | | |
| | Market Rate | | | | | | | | |
| | Ground floor | Each | 6.00 | | | | 6.00 | 956.0 | 5736.0 |
| | 1st floor | Each | 6.00 | | | | 0.00 | 956.0 | 0.0 |
| | | | | | | | | | |
| 189 | Paper Towel Dispenser-holder | | | | | | | | |
| | Market Rate | | | | | | | | |
| | Ground floor | Each | 6.00 | | | | 6.00 | 1571.0 | 9426.0 |
| | 1st floor | Each | 6.00 | | | | 0.00 | 1571.0 | 0.0 |
| | | | | | | | | | |
| 190 | Sanitary Napkin Burning Machin | | | | | | | | |
| | Market Rate | | | | | | | | |
| | Ground floor | Each | 2.00 | | | | 2.00 | 7100.0 | 14200.0 |
| | 1st floor | Each | 2.00 | | | | 0.00 | 7100.0 | 0.0 |
| | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 191 | Providing & applying water proofing to concrete surfaces using high quality polymer-modified bituminous compounds (confirming to ASTM Sqm D 5147) reinforced with non woven polyester fabric, weighing 180gml sqm granular finish 4mm thick by torch on application method confirming to the properties indicated below. It shall be provided after priming the surface using bitumen primer at 0.2 ltr lsqm. Detailed specification & Methodology<br>1. Membrane thickness 4mm (+ or - 5%)<br>2. Tensile strength - Longitudinal 790 N15cm Transverse 730 N15cm<br>3. Elongation of Membrane - Longitudinal 65% Transverse 69%<br>4. Tear Resistance - Longitudinal 180 N Transverse 190 N<br>5. Lap joint strength - Longitudinal 750 N15cm Transverse 550 N15cm<br>6. Puncture Resistance - Static 1.4 Dynamic 1.3<br>7. Water absorption - < 0.15%<br>8. Water permeability - Nil<br>9. Chemical resistance - Chloride, sulphate and Nitrate<br>The area to be water proofed shall be free from loose aggregate, dust free and in dry condition. Primer must be applied to the surface and allowed to dry prior to application of membrane. The membrane shall be applied within 6 hours after application of primer. The membrane comes in a roll form shall be unrolled and placed in the correct position where it has to be torched. Each layer must over lap the next layer by min 10cm at the adjacent and 15cm at the ends. The heat application through propane gas torch shall be applied on membrane thus causing melting and subsequent adhesion in the surface. The membrane should be properly placed and torched on in staggered position. and lifts etc., compelte including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 38.1, Page No 275 | | | | | | | | |
| | | | 1 | 14.66 | 4.99 | | 73.13 | | |
| | | Sqm | | | | | 73.13 | 464.4 | 33960.9 |
| 192 | KSRB 13-11.1. Over Head Synthetic Tanks - Providing, Placing on Terrace, Polyethylene storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diametre for inlet,outlet and over flwo pipes including cost of all materials, labour, transport charges, HOM of euipments and testing complete as per specifications for 1000 Litres Capcity including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc , compelte & as per specification and as directed by Engineer. | | | | | | | | |
| | BCSR Item No 13.78, Page No 94 | | | | | | | | |
| | | Nos | | | | | 1.00 | 7374.2 | 7374.2 |
| | TOTAL OF PART J - WATER SUPPLY & SANITARY WORKS | | | | | | | | 256382.3 |
| | Hardware fittings/ fixtures of doors/windows @ 10% of Total of Part I (Joinery) | | | | | | | | 13687.2 |
| | Cost of Electric Works | | | | | | | | 61713.0 |
| | | | | | | | | Total Cost | 26311859.9 |

| | |
|---|---|
| GST @ 12% as per SR 2018-19 | 3157423.2 |
| Project Preparation and Management (PMC) @ 2.0 % | 526237.2 |
| Round Off | 4479.8 |
| Grand Total | 30000000.0 |

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಯಲಹಂಕ ವಿಭಾಗ

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Technical Sanction
Accorded for Rs 300.00 Lakhs
Head of A/c ..P 3740
CER NO : 43 Dt: 07-2020

[FA] CE (YNK)

Administrative Sanction for Rs. 300.00 Lakhs
[Three Crore Rupees only]
is accorded under head P.3740
Registered as CE No. 79 Subject to conditions contained in
No BBMP/EE/YNK-D/AS/17/2020-21 27/11/2020

Executive Engineer